

Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XV. WASHINGTON, D. C., DECEMBER 28, 1900. No. 52.

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NOTICE.

Any person on the mailing list of the PUBLIC HEALTH REPORTS who, at any time, fails to receive promptly this publication will confer a favor by notifying the Surgeon-General of the United States Marine-Hospital Service.

UNITED STATES.

NEW DISINFECTING APPLIANCES—METHODS OF EMPLOYMENT AND DIRECTIONS FOR USE.

In view of the fact that several stations of the Service, quarantine and hospital, have been supplied with the recently devised Kuhn Formaldehyd Generator, the following circular as to its employment has been issued to medical officers, showing the indications and limitations of the usefulness of the apparatus, and giving directions for procuring the best results by the use of the machine.

[Circular letter.]

DIRECTIONS FOR THE DISINFECTION OF LIVING APARTMENTS AND TEXTILE FABRICS BY THE USE OF THE KUHN FORMALDEHYD GENERATOR.

OCTOBER 31, 1900.

General scope and applicability of the apparatus.

*To commissioned officers and acting assistant surgeons
of the Marine-Hospital Service:*

The Kuhn generator is an apparatus designed for the direct production of formaldehyd by the oxidation and dehydrogenation of wood alcohol in contradistinction to the autoclave or regenerator, in which the formaldehyd gas is evolved from the watery or alcoholic solution of the same.

It has been found by test that the formaldehyd evolved from 1,000 c. c., or approximately 1 quart, of wood alcohol is sufficient for the disinfection of and will exercise a germicidal influence in the atmosphere contained in a space of 2,500 cubic feet. It is suggested that in the disinfection of apartments you will proceed with the ordinary measures looking to rendering the apartment as nearly air-tight as possible. The 1,000 c. c. of wood alcohol, of good quality, should then be placed in the lamp of the apparatus and its ignition and the generation of formaldehyd should be conducted in strict accordance with the explicit directions which accompany each machine. The time of exposure should be six hours, counting from the completion of the combustion of the alcohol. Experiments made in the hygienic laboratory and by an expert chemist employed for the purpose by the company show that the combustion of this quantity of alcohol is effected in from forty-five to fifty-five minutes under ordinary conditions of temperature and barometric pressure. At the end of this period of six hours the apartments should be opened and thoroughly aired. No neutralization with ammonia will be found necessary. Care should be exercised to see that the vessel containing water and acting as a water seal around the cylinder of the generator is always supplied with a depth of about 2 inches of water, which should be as pure as possible. This will result in the efficient disinfection of the apartment which has been subjected to the process.

It is believed, further, that the use of this apparatus will form a good method for the thorough disinfection of baggage and personal effects of crews and passengers without the use of the steam chamber, the other apparatus usually designated for that purpose. (*Not to be employed for disinfection of mattresses and pillows.*)

It is distinctly to be understood, however, that the method is not applicable, and should not be used for the disinfection of bedding, especially mattresses and pillows.

Disinfection of clothing and personal effects of passengers and crews of ships.

In using the apparatus for this purpose the garments or fabrics should be disposed upon lines or hooks, and should be so hung upon these as not to lie in immediate contact, and there should be an air space around each article and between each two articles.

The room should be as nearly air-tight as possible, and the same directions apply as above, to use one lamp containing 1,000 c. c. of alcohol for each 2,500 cubic feet of space. Should the room or apartment to be disinfected be larger, 1 lamp should be used for each 2,500 cubic feet or portion thereof. The time of exposure of the articles or garments to the effects of the formaldehyd should be six hours, as stated above, to be counted from the completion of the combustion of the alcohol. At the completion of the process the garments or fabrics should be removed from the room in which they have been disinfected and should be exposed to the action of the air and sunlight, if possible.

Should this not be feasible owing to the lack of time a very short exposure to the air, aided by thorough shaking or brushing, will soon effect the elimination of the formaldehyd from the fabrics subjected to its action. As in the preceding case no ammonia is necessary for neutralization.

WALTER WYMAN,
Surgeon-General U. S. M. H. S.

PRACTICAL SUGGESTIONS FOR USING THE GENERATOR.

Full directions for operating the generator accompany each apparatus, but it is thought well to call attention to the following points:

1. The pan containing water, which surrounds the alcohol reservoir, should contain about 3 pints of water, which will fill it to within one-half inch of the top. The water used should be as pure as possible, and an ample quantity should be provided, as by its water-seal action it not only prevents accident, but its gradual evaporation tends to slightly hydrate the gas evolved from the decomposition of the alcohol.

2. The generator should not be heated more than one to one and one-half minutes, and great care should be taken to see that the flame is extinguished before immersing the end of the cylinder in the water reservoir. If this precaution is neglected, combustion continues, the alcohol is consumed, but no formaldehyd gas is evolved, and consequently no germicidal effect is produced.

3. The absorbent material in the alcohol reservoir will easily absorb 1 quart or 1,000 c. c. of alcohol, and in case of emergency 3 pints or 1,500 c. c. may be used, but care should be exercised that no free alcohol should show above the packing material in the reservoir. Should this be the case, the superfluity should be removed before ignition.

4. At the conclusion of the operation the remaining water should be drained from the water pan, and the pan dried. The whole apparatus should then be wiped off with a cloth, and this care will result in longer life of the apparatus, which is a decided advantage, as apart from the question of economy, the older platinized disks seem to give better results and to evolve more gas than those recently prepared.

As has been indicated above, the apparatus should not be relied upon for the disinfection of the interior of mattresses, pillows, and heavily wadded quilts or comfortables. For these articles it is believed that the employment of steam will still be necessary, but a preliminary disinfection of the exposed surfaces of these articles by the formaldehyd generator will, it is thought, render the transportation of these articles to the steam chamber, and their handling by those engaged in disinfection processes, free from the danger which has heretofore attended these operations.

[Reports to the Surgeon-General United States Marine-Hospital Service.]

Vessels from Cuban, Mexican, and Central American ports inspected at Reedy Island Quarantine.

REEDY ISLAND QUARANTINE,
via Port Penn, Del., December 16, 1900.

SIR: Through the medical officer in command of national quarantine service on Delaware Bay and River, I have the honor to report that the following vessels from Cuban, Mexican, and Central American ports were inspected at this station during the week ended December 15, 1900: December 12, 1900, steamship *Tyr*, from Martinique via Santiago de Cuba, with iron ore; no passengers; bill of health signed by Assistant Surgeon Von Ezdorf. December 14, 1900, schooner *Jennie G. Pillsbury*, from Baracoa, with fruit; no passengers; bill of health signed by Dr. Lores Llorens, quarantine officer.

Respectfully,

T. F. RICHARDSON,
Assistant Surgeon, U. S. M. H. S.

Vessels inspected at Juneau, Alaska, for the week ended December 1, 1900.

JUNEAU, ALASKA, December 1, 1900.

SIR: For the week ended December 1, I have inspected and passed steamship *Farallon* and steamer *Ruth*, bound from Skaguay to Port Townsend.

Respectfully,

SAML. C. LEONHARDT,
Acting Assistant Surgeon, U. S. M. H. S.

Reports from the Mexican border.

El Paso, Tex., December 12—Concerning rumor of yellow fever near the Mexican border.—In compliance with instructions from your office, December 5, 1900, I have made the necessary investigation, and have the honor and satisfaction to state that the report is false in every particular as far as the northern border of Texas is concerned.

Almost every officer, conductor, and other employee of the Mexican Central Railroad running into El Paso is American and nine-tenths of them have their families here, and I am pleased to state that these men always inform me if any passenger is on their train with suspicious symptoms of any kind, or if any passenger stops on their division with any kind of contagious disease.

I inspect passengers carefully arriving on the Mexican Central Railroad, and such as arrive from ports reported to be infected, I detain for observation to enable me to ascertain their temperature, and in every such case I disinfect their baggage, etc.

Of late we have had several frosts and I have no apprehension in allowing passengers to pass who show a normal temperature within twenty-four and thirty-six hours.

Early in the season I caused it to be known over the whole Mexican Central Railroad system that a strict quarantine would be enforced at this point, and to this I attribute the fact that there has been so little trouble here.

Most all passengers arriving here from Tampico and south of the City of Mexico are supplied with certificates from the United States consul, or practicing physicians in Mexico well known to me, saying that they have been absent from the infected points from five to ten days.

E. ALEXANDER,
Acting Assistant Surgeon, U. S. M. H. S.

Laredo, Tex., December 18, 1900—Inspection service.—I have the honor to submit the following inspection report for week ending December 15, 1900: Number of passenger trains from Mexico inspected and entered, 14; number of persons inspected and allowed entry on passenger trains from Mexico, 434; number of pieces of soiled Pullman linen disinfected, 4,467.

H. J. HAMILTON,
Acting Assistant Surgeon, U. S. M. H. S.

Statistical reports of States and cities of the United States—Yearly and monthly.

CALIFORNIA—Oakland.—Month of November, 1900. Estimated population, 75,000. Total number of deaths, 86, including measles, 1, and 18 from tuberculosis.

IOWA—Dubuque.—Month of November, 1900. Estimated population, 38,000. Total number of deaths, 33. No deaths from contagious diseases reported.

MASSACHUSETTS—Lawrence.—Month of November, 1900. Census population of 1900, 62,559. Total number of deaths, 89, including diphtheria, 2; scarlet fever, 1, and 10 from tuberculosis.

Worcester.—Month of November, 1900. Census population of 1900, 118,421. Total number of deaths, 164, including diphtheria, 7; enteric fever, 2; scarlet fever, 5, and 18 from tuberculosis.

Reports to the State board of health, Lansing, for the week ended December 15, 1900, from 69 observers, indicate that smallpox was more prevalent and intermittent fever, remittent fever, and erysipelas less prevalent, than in the preceding week. Cerebro-spinal meningitis was reported present at 4, whooping cough at 10, measles at 16, diphtheria at 36, scarlet fever at 91, enteric fever at 130, phthisis pulmonalis at 149, and smallpox at 34 places.

NEW YORK—Kingston.—Month of November, 1900. Census population of 1900, 24,535. Total number of deaths, 29, including diphtheria, 1; enteric fever, 1; scarlet fever, 1, and 1 from tuberculosis.

Rochester.—Month of November, 1900. Census population of 1900, 162,435. Total number of deaths, 143, including diphtheria, 11; enteric fever, 5; scarlet fever, 1; whooping cough, 1, and 22 from tuberculosis.

OHIO—Findlay.—Month of November, 1900. Estimated population, 17,613. Total number of deaths, 23, including diphtheria, 1; enteric fever, 5, and 2 from tuberculosis.

PENNSYLVANIA—Oil City.—Month of November, 1900. Census population of 1900, 13,600. Total number of deaths, 13, including 1 from tuberculosis.

UTAH—Salt Lake City.—Month of November, 1900. Estimated population, 70,000. Total number of deaths, 58, including diphtheria, 2; enteric fever, 3, and 3 from tuberculosis.

VIRGINIA—Roanoke.—Month of November, 1900. Census population of 1900, 21,495. Total number of deaths, 29, including 6 from tuberculosis.

WASHINGTON—*Seattle*.—Month of November, 1900. Estimated population, 90,000. Total number of deaths, 63, including diphtheria, 1; scarlet fever, 1, and 7 from tuberculosis.

Tacoma.—Month of November, 1900. Estimated population, 50,000. Total number of deaths, 31, including diphtheria, 1; enteric fever, 1, and 3 from tuberculosis.

Report of immigration at Boston for the week ended December 15, 1900.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, December 16, 1900.

*Number of alien immigrants who arrived at this port during the week ended December 15, 1900;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 9	Steamship Prince Arthur	Yarmouth, Nova Scotia.....	80
Do....	Steamship Boston.....	do.....	51
Dec. 10	Steamship Sachem.....	Liverpool, England.....	11
Do....	Steamship Ontarian.....	Glasgow, Scotland.....	1
Dec. 13	Steamship Turoman.....	Liverpool, England.....	14
Do....	Steamship Prince Arthur	Yarmouth, Nova Scotia.....	19
Do....	Steamship Boston.....	do.....	20
Do....	Steamship Halifax	Halifax, Nova Scotia.....	12
Do....	Steamship Winifredian	Liverpool, England.....	15
Dec. 14	Steamship Ivernia	do.....	151
Dec. 15	Steamship Virginian.....	London, England.....	12
Do....	Steamship Ontarian.....	Hull, England.....	4
	Total.....		390

GEORGE B. BILLINGS,
Commissioner.

Report of immigrants inspected at the port of Boston, Mass., during the month of November, 1900.

Total number of immigrants inspected, 1,447; number passed, 1,445; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 2.

Disposition of immigrants certified for deportation.—Number cases pending at beginning of month, none; number of cases certified for deportation during month, 2; total to be accounted for, 2; number cases deported, 1; number cases admitted, 1; number cases pending at close of month, none.

FAIRFAX IRWIN,
Surgeon, U. S. M. H. S.

Report of immigrants inspected at the port of Eagle Pass, Tex., during the month of November, 1900.

Total number of immigrants inspected, 150; number passed, 149; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

Disposition of immigrants certified for deportation.—Number cases pending at beginning of month, none; number cases certified for deportation during month, 1; total to be accounted for, 1; number cases deported, 1; number cases admitted, none; number cases pending at close of month, none.

LEA HUME,
Sanitary Inspector, U. S. M. H. S.

REPORTS FROM NATIONAL QUARANTINE

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES:				
1	Alexandria, Va.....	Dec. 22			
2	Beaufort, N. C.....	do.....			
3	Brunswick, Ga.....	Dec. 15	Am. bk. Mary Hasbrouck	Dec. 14	Havana.....
4	Cape Charles, Va.....	Dec. 22			
5	Cape Fear, N. C.....	do.....			
6	Columbia River, Oreg.....	Dec. 15			
7	Delaware Breakwater Quarantine, Lewes, Del.	do.....			
8	Dutch Harbor, Alaska....	Dec. 1			
9	Eureka, Cal.....	Dec. 15			
10	Grays Harbor, Wash.....	do.....			
11	Gulf Quarantine, Ship Island, Miss.....	do.....			
12	Los Angeles, Cal.....	Dec. 12			
13	Newbern, N. C.....	Dec. 22			
14	Nome, Alaska.....	Nov. 17			
15	Pascagoula, Miss.....	Dec. 22			
16	Port Angeles, Wash.....	Dec. 8			
17	Port Townsend, Wash.....	Dec. 15	Am. ss. Olympia.....	Dec. 13	Kobe.....
			Br. ss. Hysen.....	Dec. 14	Nagasaki.....
18	Reedy Island Quarantine, Del.....	do.....			
19	San Diego, Cal.....	do.....			
20	San Francisco, Cal.....	do.....			
21	San Pedro, Cal.....	Dec. 12			
22	Savannah, Ga.....	Dec. 15	Nor. bk. Union.....	Dec. 11	Barbados.....
23	South Atlantic Quarantine, Blackbeard Island, Ga.	do.....			
24	Tortugas Quarantine, Key West, Fla.....	Dec. 8			
25	Washington, N. C.....	Dec. 22			
	CUBA:				
26	Calhoun.....	Dec. 8			
		Dec. 15			
27	Cardenas.....	do.....			
28	Cienfuegos.....	do.....			
29	Daiquiri.....	Dec. 8			
30	Gibara.....	Dec. 15			
31	Guantanamo.....	Dec. 8			
32	Havana.....	Dec. 15			
33	Isabela de Sagua.....	do.....			
34	Mansanillo.....	do.....			
35	Matanzas.....	do.....			
36	Nuevitas.....	Dec. 8			
37	Santiago de Cuba.....	do.....			
	HAWAII:				
38	Hilo.....	Nov. 24			
39	Honolulu.....	Dec. 1			
40	Kahului.....	do.....			
41	Kihel.....	Nov. 24			
	PHILIPPINES:				
42	Cebu.....	Nov. 10			
43	Iloilo.....	do.....			
44	Manila.....	Nov. 17			

AND INSPECTION STATIONS.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2				No report.....	
3	Brunswick.....	Ballast discharged at quarantine.	Dec. 15		3
4				No report.....	
5				do.....	
6				do.....	
7				No transactions.....	
8				No report.....	
9				No transactions.....	
10				do.....	
11					2
12				No transactions.....	
13				No report.....	
14				do.....	
15				do.....	
16				Japanese seamen, shipped at Nagasaki on Br. ship Centessina, vaccinated and effects disinfected,	1
17	Tacoma.....	Oriental crew bathed; dunnage and fore-castle disinfected.	Dec. 14		4
	Tacoma.....	Oriental crew bathed; dunnage and fore-castle disinfected.	Dec. 15	Vessel still at quarantine on account of accident to her steam apparatus.	
18				No report.....	
19					5
20				Eighty-four pieces of unlabeled baggage disinfected and glandular regions of Orientals examined on Br. ss. Coptic.	15
21				No transactions.....	
22	Savannah.....	Disinfected; ballast removed.	Dec. 14		4
23				No transactions.....	
24				No report.....	
25				do.....	
26				3 vessels passed without inspection.	1
				5 vessels passed without inspection.	5
27					9
28					14
29				No report.....	
30				do.....	
31				do.....	
32				do.....	
33					20
34				No report.....	
35					7
36				No report.....	
37				do.....	
38				No transactions.....	
39				2 cases sickness on Am. ss. City of Rio de Janeiro, from Hongkong for San Francisco.	9
40					1
41				No transactions.....	
42				No report.....	
43				do.....	
44				do.....	

REPORTS FROM NATIONAL QUARANTINE

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	Porto Rico:				
45	Ponce.....	Dec. 8			
46	San Juan.....	do.			
	Supports—				
47	Aguadilla.....	do.			
48	Arecibo.....	do.	Ger. ss. Ascania.....	Dec. 2	Aguadilla.....
49	Arroyo.....	do.			
50	Fajardo.....	do.			
51	Humacao.....	do.			
52	Mayaguez.....	do.			

REPORTS FROM STATE AND

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Anclote, Fla.....	Dec. 22			
2	Baltimore, Md.....	do.			
3	Bangor, Me.....	do.			
4	Boston, Mass.....	do.			
5	Carrabelle, Fla.....	do.			
6	Cedar Keys, Fla.....	do.			
7	Charleston, S. C.....	do.			
8	Charlotte Harbor, Fla.....	do.			
9	Elizabeth River, Va.....	do.			
10	Galveston, Tex.....	do.			
11	Gardiner, Oreg.....	Dec. 15			
12	Key West, Fla.....	Dec. 22			
13	Marcus Hook, Pa.....	Dec. 15	Am. ss. Josephine.....	Dec. 9	Jacksonville.....
14	Mayport, Fla.....	Dec. 22			
15	Mobile Bay, Ala.....	Dec. 15			
16	New Bedford, Mass.....	Dec. 22			
17	New Orleans, La.....	do.			
18	Newport News, Va.....	do.			
19	Newport, R. I.....	do.			
20	New York, N. Y.....	do.			
21	Panama, Cal.....	do.			
22	Pensacola, Fla.....	do.			
23	Port Royal, S. C.....	do.			
24	Providence, R. I.....	do.			
25	Quintana, Tex.....	do.			
26	Sabine Pass, Tex.....	do.			
27	St. Helena Entrance, S. C.....	do.			
28	Tampa Bay, Fla.....	do.			

AND INSPECTION STATIONS—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
45	5
46	4
47	1
48	St. Thomas.....	Held in quarantine.....	Dec. 2	.....	1
49	2
50	1
51	No transactions.....	2
52	2

MUNICIPAL QUARANTINE STATIONS.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1	No report.....	.....
2	do.....	.....
3	do.....	.....
4	do.....	.....
5	do.....	.....
6	do.....	.....
7	do.....	.....
8	do.....	.....
9	do.....	.....
10	do.....	.....
11	do.....	.....
12	do.....	.....
13	Philadelphia.....	Detained for examination..	Dec. 9	5 vessels spoken and passed; 1 case malarial fever on Nor. ss. Tyr, from Martinique via Santiago de Cuba.	25
14	No report.....	.....
15	15
16	No report.....	.....
17	do.....	.....
18	do.....	.....
19	do.....	.....
20	do.....	.....
21	do.....	.....
22	do.....	.....
23	do.....	.....
24	do.....	.....
25	do.....	.....
26	do.....	.....
27	do.....	.....
28	do.....	.....

Smallpox in the United States as reported to the Surgeon-General United States Marine-Hospital Service, June 29, 1900, to December 28, 1900.

For reports received from December 29, 1899, to June 29, 1900, see PUBLIC HEALTH REPORTS for June 29, 1900.]

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile.....	Sept. 13.....	1		
Alaska:				
Cape Nome.....	June 14-Oct. 7...	24	1	
White Horse.....	Nov. 24.....	1		
Skaguay.....	.....do.....	1		
Total for Territory.....		26	1	
California:				
Oakland.....	July 8-July 14...	2		
	Nov. 25-Dec. 1...	4		
Total for State.....		6		
Total for State, same period, 1899.		4		
Colorado:				
Arapahoe County.....	June 13-Nov. 12...	72		
Boulder County.....	June 16.....	1		
Cheyenne County.....	Oct. 26.....	1		
Chaffee County.....	Oct. 26-27.....	2		
Clear Creek County.....	July 2-Aug. 8...	7		
Costilla County.....	Oct. 15-25.....	2		
Custer County.....	Oct. 5.....	1		
Eagle County.....	June 25-July 30...	3		
Elbert County.....	Oct. 19.....	1		
El Paso County.....	June 21-Aug. 10...	5		
Fremont County.....	Sept. 3-Sept. 23...	6		
Garfield County.....	July 23-Sept. 12...	25		
Gilpin County.....	Aug. 23.....	1		
Huerfano County.....	July 31-Oct. 23...	12		
Jefferson County.....	July 27-Sept. 4...	13		
Lake County.....	July 31-Aug. 23...	1		
Larimer County.....	Apr. 25-Oct. 1...	82		
Las Animas County...	July 5-Oct. 2...	23		
Logan County.....	Oct. 27.....	2		
Mesa County.....	July 1-Aug. 31...	10		
Otero County.....	Aug. 4-Sept. 18...	5		
Ouray County.....	Oct. 9-Nov. 4...	18		
Park County.....	July 3.....	2		
Pueblo County.....	July 7-Oct. 31...	66		
Rio Grande County.....	Sept. 25-Oct. 31...	6		
Routt County.....	June 25-July 30...	2		
Saguache County.....	Oct. 14.....	1		
Wild County.....	Sept. 1-Sept. 30...	2		
Total for State.....		372		
Total for State, same period, 1899.		13		
Delaware:				
Wilmington.....	July 1-July 7...	1		
Total for State, same period, 1899.		0		
District of Columbia:				
Washington.....	June 18-July 23...	24		
	Oct. 28-Dec. 13...	9		
Total for District of Columbia.		33		
Total for District, same period, 1899.		12		
Florida:				
Jacksonville.....	July 1-July 7...	1		
Madison County.....	Sept. 19.....	30		
Total for State.....		31		
Total for State, same period, 1899.		74		
Georgia:				
Houston County.....	Dec. 1-Dec. 7...	24	1	
Total for State, same period, 1899.		41	1	

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Illinois:				
Cairo	Nov. 18, 1899-July 21, 1900.	117	6	
Chicago	Nov. 27.....	1		
	June 24-July 14...	4		
	Dec. 2-Dec. 15...	3		
Total for State		125	6	
Total for State, same period, 1899.		146	2	
Indiana:				
Allen County	Nov. 28.....	7	1	
Cass County.....	Sept. 1-Oct. 31...	8	1	
Clarke County.....	June 1-June 30...	3		
Clay County .....	.....do.....	1	1	
Clinton County.....	.....do.....	2		
Delaware County.....	Sept. 1-Sept. 30...	14		
Evansville.....	July 1-July 7...	1		
Frankton.....	July 1-July 31...	4	1	
Gibson County.....	June 1-July 31...	2		
Grant County.....	Oct. 1-Oct. 31...	1		
Green County.....	June 1-July 31...	14		
Jackson County.....	Aug. 21-Nov. 3...	2		
Jasper County.....	Sept. 1-Sept. 30...	11		
Jay County.....	.....do.....	3		
Jennings County.....	Sept. 1-Nov. 18...	2	1	
Johnson County.....	June 1-July 31...	1		
Kirklin.....	July 1-July 31...	2		
Keystone.....	.....do.....	1		
Knox County.....	Oct. 1-Oct. 31...	1		
Hammond.....	July 1-July 31...	1		
Lawrence County.....	June 1-July 31...	9		
Loogootee.....	July 1-July 31...	2	2	
Madison County:				
Alexandria.....	June 1-July 31...	12	1	
Anderson.....	.....do.....	28		
Elwood.....	.....do.....	20		
Frankton.....	.....do.....	1		
Marion County:				
Indianapolis.....	June 1-Nov. 18...	5		
Irvington.....	June 1-July 31...	9		
Marshall County.....	Oct. 1-Oct. 31...	1		
Miami County.....	Sept. 1-Sept. 30...	1		
Michigan City.....	July 15-July 31...	1		
Newton County.....	Sept. 1-Sept. 30...	8		
Perry County.....	.....do.....	1		
Rockfield.....	July 1-July 31...	1		
Monticello.....	July 1-Oct. 31...	2	1	
Starks County.....	June 1-June 30...	3		
Sullivan County.....	Aug. 1-Oct. 31...	1		
Vallonia.....	Nov. 19.....	5		
Warren County.....	.....do.....	1		
Washington County.....	Nov. 27.....	1		
Wheeling.....	.....do.....	5		
Vandeburg County.....	.....do.....	2		
Total for State		200	9	
Total for State, same period, 1899.		83		
Indian Territory:				
Lebanon.....	Nov. 17.....			Smallpox reported.
Iowa:				
Des Moines.....	June 1-Aug. 31...	13		
	Oct. 1-Oct. 31...	1		
Total for State.....		14		
Total for State, same period, smallpox reported, 1899.		0		
Kansas:				
Bourbon County.....	Oct. 1-Oct. 31...	2		
Cherokee County.....	Sept. 1-Nov. 30...	13		
Crawford County.....	July 1-Sept. 30...	15		
Dickinson County.....	Oct. 1-Nov. 30...	7		
Douglas County.....	Sept. 1-Nov. 30...	8		
McPherson County.....	Oct. 1-Oct. 31...	1		
Marion County.....	Nov. 1-Nov. 30...	3		
Rawlins County.....	Oct. 1-Nov. 30...	14		Do.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Rush County.....	Oct. 1-Oct. 31.....	.....	.....	Some cases.
Shawnee County.....	July 1-Nov. 30.....	17	.....
Sumner County.....	.....do.....	14	.....
Thomas County.....	Nov. 1-Nov. 30.....	4	.....
Wichita.....	June 17-Dec. 15.....	63	1	
Total for State.....		161	1	
Total for State, same period, 1899.....		57	5	
Kentucky:				
Covington.....	June 24-July 15.....	32	.....	Smallpox epidemic.
Lexington.....	Oct. 7-Dec. 15.....	13	.....
Russell.....	Nov. 20.....	.....	.....
Total for State.....		45	.....
Total for State, same period, 1899.....		134	.....
Louisiana:				
Caddo.....	June 17-Aug. 4.....	11	0	Nov. 28, 1899, to July 31, 303 cases, 30 deaths.
Caldwell.....	June 17-July 28.....	16	2	
New Orleans.....	June 17-Dec. 2.....	136	43	
Shreveport.....	June 17-Aug. 4.....	11	0	
St. Tammany.....	Oct. 28-Dec. 12.....	23	8	
Total for State.....		197	53	
Total for State, same period, 1899.....		100	.....
Maryland:				
Baltimore.....	June 24-Sept. 1.....	5	.....
Cumberland.....	June 17-July 7.....	8	.....
Prince George County.....	Nov. 9-Nov. 14.....	9	.....
Total for State.....		22	.....
Total for State same period, 1899.....		32	.....
Massachusetts:				
Fall River.....	June 24-Sept. 15.....	9	.....
Lowell.....	July 15-Aug. 18.....	13	.....
Taunton.....	Oct. 28-Nov. 3.....	1	.....
Total for State.....		23	.....
Total for State, same period, 1899.....		58	9	
Michigan:				
Custer.....	Dec. 3.....	60	.....
Delta County.....	Oct. 14-Nov. 10.....	1	.....
Grand Rapids.....	Nov. 25-Dec. 1.....	1	.....
Houghton County.....	Aug. 12-Nov. 10.....	70	.....
Isabella County.....	July 29-Aug. 18.....	5	.....
Jackson.....	July 1-July 7.....	1	.....
Mason County.....	Dec. 3.....	1	.....
Maple River Township.....	Oct. 14-Nov. 10.....	69	.....
Oceola.....	July 3-July 9.....	1	.....
Wayne County.....	June 1-Dec. 15.....	14	1	
Other places.....	Oct. 28-Nov. 10.....	34	.....
Total for State.....		257	1	
Total for State, same period, 1899.....		16	.....
Minnesota:				
Akeley.....	June 23-July 31.....	17	.....
Anoka County.....	June 16-Nov. 8.....	30	.....
Atwater.....	July 1-Nov. 8.....	5	.....
Bertram County.....	June 23-July 31.....	6	.....
Carlton.....	June 16-Dec. 14.....	4	.....
Carver County.....	June 23-Aug. 31.....	11	.....
Cass County.....	July 1-Aug. 31.....	21	.....
Crow Wing County.....	July 1-Nov. 8.....	14	.....
Duluth.....	June 16-Dec. 14.....	106	1	
Faribault County.....	Aug. 1-Aug. 31.....	1	.....
Goodhue County.....	July 1-Nov. 8.....	5	1	
Hennepin County.....	July 1-Dec. 14.....	23	.....
Hubbard County.....	Aug. 1-Aug. 31.....	16	.....
Itasca County.....	July 1-Nov. 8.....	1	.....
Kandiyohi County.....	July 1-Dec. 14.....	47	.....

Smallpox and plague in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued				
Lake County.....	July 1-Dec. 14...	4	.....
Le Sueur County.....	do.....	58	1	
Lincoln County.....	do.....	4	.....
Litchfield County.....	June 23-Dec. 14...	1	.....
Little Falls.....	July 1-July 31...	18	.....
Lyon County.....	Nov. 8-Dec. 14...	29	.....
McLeod County.....	July 1-Nov. 8...	2	.....
Martin County.....	Aug. 1-Aug. 31...	1	.....
Meeker County.....	Nov. 8-Dec. 14...	10	.....
Minneapolis.....	June 16-Dec. 15...	86	.....
Nicollet County.....	July 1-Nov. 8...	1	.....
Otter Tail County.....	July 1-Sept. 30...	38	2	
Pine County.....	Nov. 8-Dec. 14...	2	.....
Princeton.....	June 16-July 31...	1	.....
Ramsey County.....	Nov. 8-Nov. 22...	1	.....
Redwood County.....	Nov. 22-Dec. 14...	6	.....
Renville County.....	July 1-July 31...	1	.....
Scott County.....	June 16-Aug. 31...	44	.....
St. Paul.....	June 23-Dec. 14...	12	.....
Sherburne County.....	Aug. 1-Aug. 31...	7	.....
Stearns County.....	Nov. 22-Dec. 14...	9	.....
Steele County.....	do.....	5	.....
Two Harbors.....	July 1-Sept. 30...	7	.....
Traverse County.....	Aug. 1-Sept. 30...	19	.....
Wabasha.....	do.....	8	.....
Wilkin County.....	Nov. 22-Dec. 14...	2	.....
Winona County.....	July 29-Nov. 8...	18	.....
.....	Nov. 22-Dec. 15...	120	.....
Winsted.....	July 1-Sept. 30...	18	.....
Wadena County.....	July 29-Aug. 4...	7	.....
Wright County.....	June 16-Dec. 14...	29	.....
Total for State.....	.....	875	5	
Total for State, same period, 1899.....	.....	71	.....
Mississippi:				
Ocean Springs (vicinity).....	July 19.....	11	.....
Total for State, same period, 1899.....	.....	30	.....
Missouri:				
St. Joseph.....	Oct. 1-Oct. 31...	1	.....
St. Louis.....	Nov. 2-Dec. 16...	10	.....
Total for State.....	.....	11	.....
Total for State, same period, 1899.....	.....	464	4	
Montana:				
Butte.....	July 17-Sept. 20...	25	0	
Total for State, same period, 1899.....	.....	8	1	
Nebraska:				
Omaha.....	June 24-Dec. 8...	16	.....
Total for State, same period, 1899.....	.....	0	.....
New Hampshire:				
Manchester.....	June 17-Dec. 15...	73	.....
Total for State, same period, 1899.....	.....	0	.....
New Jersey:				
Jersey City.....	June 18-June 24...	1	.....
.....	Dec. 10-Dec. 16...	1	.....
Newark.....	June 17-June 23...	4	.....
Total for State.....	.....	6	.....
Total for State, same period, 1899.....	.....	0	.....
New York:				
New York.....	June 17-Aug. 25...	9	2	
.....	Nov. 4-Dec. 15...	54	4	
Total for State.....	.....	63	6	
Total for State, same period, 1899.....	.....	13	1	

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina:				
Charlotte.....	June 1-July 31...	11		
Wilmington.....	do	8		
Alamance County.....	May 1-Oct. 31...	2		
Buncombe County.....	do	6		
Burke County.....	do	22		
Cabarrus County.....	do	5		
Caswell County.....	do	19		
Chatham County.....	do	1		
Cherokee County.....	do	4		
Cleveland County.....	do	5		
Craven County.....	do	27		
Davidson County.....	do	9		
Davie County.....	do	9		
Durham County.....	do	11		
Edgecombe County.....	do	2		
Forsyth County.....	do	25		
Franklin County.....	do		Many.	
Gates County.....	do	1		
Granville County.....	do	25		
Gulford County.....	do	22		
Halifax County.....	do	1		
Harnett County.....	do	8		
Haywood County.....	do	5		
Henderson County.....	do	5		
Hertford County.....	do	2		
Iredell County.....	do	5		
Johnston County.....	do	17		
Lenoir County.....	Aug. 1-Aug. 31...	1		
Mecklenburg County.....	May 1-Aug. 31...	35		
Moore County.....	do	14		
Nash County.....	do	12		
New Hanover County.....	do	7		
Orange County.....	do	7		
Pamlico County.....	Oct. 1-Oct. 31...	23		
Person County.....	May 1-Aug. 31...	4		
Randolph County.....	do	17		
Richmond County.....	Oct. 1-Oct. 31...	1		
Rockingham County.....	May 1-Aug. 31...	153		
Rutherford County.....	do		A few.	
Vance County.....	Aug. 1-Aug. 31...			Several cases.
Wake County.....	Oct. 1-Oct. 31...	5		
Wilkes County.....	Aug. 1-Aug. 31...	12		
Total for State.....		548		
Total for State, same period, 1899.		105		
North Dakota:				
Rolla.....	Aug. 1-Nov. 20...	19	2	
Wheatland.....	Nov. 20.....	9		
Total for State.....		28	2	
Total for State, same period, 1899.		0	0	
Ohio:				
Cincinnati.....	June 16-Sept. 21...	31		
Portsmouth.....	June 24-Dec. 15...	16		
Youngstown.....	Jan. 1-June 30...	13		
Allen County—				
Shawnee Township.....	do	7		
Ashtabula County.....	Jan. 1-Dec. 15...	61		
Angelaize County.....	Jan. 1-June 30...	10		
Brown County.....	do	4		
Butler County.....	do	4		
Clark County.....	do	5		
Clinton County—				
New Vienna.....	do	1		
Columbiana County—				
Wellsville.....	do	19	2	
Coshocton County—				
Clark Township.....	do	2		
Cuyahoga County—				
Berea.....	do	5		
Brooklyn Township.....	do	2		
Cleveland.....	Jan. 1-Dec. 15...	801	9	
Dover Township.....	Jan. 1-June 30...	1		
East Cleveland.....	do	3		
Glenville.....	do	4		
Mayfield Township.....	do	14		
Newburgh.....	do	30		
Lakewood.....	do	2		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Cuyahoga County—Cont'd.				
Rockport.....	Jan. 1-June 30...	2		
West Park Township.....	do.....	1		
Darke County.....	do.....	12		
Defiance County—				
Highland Township.....	do.....	8		
Delaware County.....	do.....	44		
Findlay.....	Nov. 1-Nov. 30...	2		
Franklin County—				
Columbus.....	Jan. 1-June 30...	39		
Fulton County—				
Wauseon.....	do.....	2		
Geauga County—				
Burton.....	do.....	3		
Greene County—				
Cedarville.....	do.....	20	2	
Hamilton County—				
Cincinnati.....	do.....	99	1	
Hyde Park.....	do.....	1		
Hancock County—				
Findlay.....	do.....	1		
Hardin County—				
McGuffey.....	do.....	3		
Henry County.....	do.....	120	3	
Huron County—				
Bellevue.....	do.....	9		
Lake County.....	do.....	2		
Licking County.....	do.....	2		
Lorain County.....	do.....	98	2	
Lucas County—				
Toledo.....	do.....	3		
Madison County.....	do.....	52		
Medina County—				
Lodi.....	do.....	2		
Mercer County.....	do.....	28		
Montgomery County—				
Dayton.....	Jan. 1-Sept. 8...	9		
Morrow County.....	Jan. 1-June 30...	4		
Pike County—				
Waverly.....	do.....	2		
Portage County—				
Kent.....	do.....	1		
Putnam County.....	do.....	6		
Ross County—				
Kingston.....	do.....	1		
Scioto County—				
Portsmouth.....	do.....	1		
Stark County.....	do.....	26	1	
Summit County—				
Akron.....	do.....	1		
Trumbull County.....	do.....	20	1	
Tuscarawas County—				
Dennison.....	do.....	1		
Union County—				
Jerome Township.....	do.....	2		
Washington County—				
Marietta.....	do.....	1		
Wayne County—				
Salt Creek Township.....	do.....	3		
Total for State.....		1,666	21	
Total for State, same period, 1899.		255	3	
Oregon:				
Portland.....	Oct. 31.....	1		
Total for State, same period, 1899.		7		
Pennsylvania:				
Allegheny City.....	Nov. 25-Dec. 1...	1		
Erie.....	Dec. 9-Dec. 15...	5		
Philadelphia.....	June 24-Oct. 20...	13		
Pittsburg.....	June 17-July 7...	5		
.....	Nov. 18-Nov. 24...	3		
Steelton.....	Nov. 18-Dec. 8...	3		
Total for State.....		30		
Total for State, same period, 1899.		226		

Smallpox in United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
South Carolina:				
Greenville.....	July 8-July 14...	1		
	Nov. 25-Dec. 15...	5		
Total for State		6		
Total for State, same period, 1899.		6		
Tennessee:				
Memphis.....	Nov. 11-Dec. 15...	7		
Nashville.....	Nov. 4-Dec. 8...	7		
Campbell County.....	Mar. 5-Nov. 16...	11		
Chatham County.....	do	11	1	
Chester County.....	do	35	0	
Cumberland County.....	do	23	0	
Davidson County.....	do	57	1	
Dyer County.....	do	26		
Franklin County.....	do	31		
Gibson County.....	do	26		
Giles County.....	do	81		
Grundy County.....	do	41	1	
Hamblen County.....	do	30	1	
Hamilton County.....	do	42	1	
Haywood County.....	do	2		
Henry County.....	do	150		
Houston County.....	do	14		
Knox County.....	do			No report.
Lauderdale County.....	do	12		
Lawrence County.....	do	18		
Lewis County.....	do	1		
Lincoln County.....	do	13		
Madison County.....	do	47	2	
Marion County.....	do	113	2	
Maure County.....	do			Do.
Montgomery County.....	do	25		
Obion County.....	do	87	1	
Putnam County.....	do	42	2	
Roane County.....	do	15		
Robertson County.....	do	12		
Rutherford County.....	do	37		
Scott County.....	do	1		
Shelby County.....	do	254	6	
Wayne County.....	do	3		
White County.....	do	2		
Williamson County.....	do	115		
Wilson County.....	do	11		
Total for State		1,393	18	
Total for State, same period, 1899.		15		
Texas:				
Beaumont.....	Feb. 1-June 1...	107	0	
Blue Springs.....	Nov. 24.....			Smallpox reported.
Carrizo.....	July 9.....	1		
Eagle Pass.....	Sept. 7.....	1		
Fort Bend County.....	Aug. 1, 1899, to Aug. 1, 1900.	156	2	
Galveston.....	Dec. 7.....	3		
Houston.....	Nov. 11-Dec. 15...	41	1	
Jack County.....	Nov. 13.....	12		
Pittsburg.....	Nov. 28.....	1		
Robertson County.....	June 16.....	300	2	
San Antonio.....	June 1-June 30...	1		
Smithville.....	Nov. 13.....	4		
Sublime.....	Nov. 18-Nov. 24...	14		
Terrell.....	Nov. 13.....	1	1	
Vashti.....	Nov. 24.....			Do.
Total for State.....		642	6	
Total for State, same period, 1899.		189	5	
Utah:				
Ogden.....	June 24-Nov. 30...	66	1	Dec. 13, 1899, to Aug. 1, 1900, 106 cases; deaths, 0.
Salt Lake City.....	July 1-Dec. 15...	241	1	
Total for State.....		307	2	
Total for State, same period, 1899.		1		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Vermont:				
Caledonia County.....	Aug. 7.....	20		
Franklin County.....	.....do.....	2		
Orleans County.....	.....do.....	6		
Total for State.....		28		
Total for State, same period, 1899.		0		
Virginia:				
Alexandria.....	Nov. 18-Dec. 5...	2		
Petersburg.....	June 1-Aug. 26...	4	0	
Roanoke.....	June 1-Aug. 31...	23	1	
Total for State.....		29	1	
Total for State, same period, 1899.		232	12	
Washington:				
Lewis County.....	June 26.....	2		Several cases.
Puyallup County.....	Sept. 6.....			
Seattle.....	June 24-Nov. 30...	47		
Tacoma.....	Aug. 5-Dec. 11...	10		
Total for State.....		59		
Total for State, same period, 1899.		53	1	
West Virginia:				
Harrison County.....	Nov. 25.....	18		
Wheeling.....	Sept. 2-Dec. 15...	11		
Total for State.....		29		
Total for State, same period, 1899.		2		
Wisconsin:				
Milwaukee.....	Dec. 9-Dec. 15...	1		
Sixteen places.....	May 1-May 31...	122	3	
Ten places.....	June 1-June 30...	29	1	
Eight places.....	July 1-July 31...	26	0	
Six places.....	Aug. 1-Aug. 31...	45	0	
Ashland, Bayfield, Dane, and Eau Claire counties and others.	Sept. 1-Dec. 11...	189	0	
Total for State.....		412	4	
Total for State, same period, 1899.		0		
Wyoming:				
Carbon County.....	Dec. 10.....	1		
Sweetwater County.....	.....do.....	1		
Utah County.....	.....do.....	2		
Total for State.....		4		
Total for State, same period, 1899.		0		
Grand total.....		7,796	137	
Grand total, same period, 1899.		2,487	53	

Plague in the United States.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco.....	Mar. 7-July 6...	13	13	
Do.....	July 8-Aug. 12...	1	1	
Do.....	Aug. 13-Aug. 18...	1	1	
Do.....	Aug. 19-Oct. 5...	1	1	
Do.....	Oct. 6-Oct. 10...	1	1	
Do.....	Oct. 14.....	1	1	
Do.....	Nov. 1.....	2	2	
Do.....	Nov. 4.....	1	1	
Do.....	Dec. 7.....	1	1	
Total for State.....		22	22	

WEEKLY MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. census of 1890.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Ashtabula, Ohio	Dec. 15	8,338	1									
Do	Dec. 22	8,338	4									
Baltimore, Md.	Dec. 15	a 508,957	194	26						7		5
Bay City, Mich.	Dec. 15	a 28,700	3							1		
Do	Dec. 22	a 28,700	6									1
Binghamton, N. Y.	Dec. 15	a 39,647	11									1
Boston, Mass.	Dec. 15	a 560,892	193	15						5	5	15
Bristol, R. I.	Dec. 15	a 6,900	0									1
Brockton, Mass.	Dec. 15	a 40,063	6	2								1
Do	Dec. 22	a 40,063	10	2								1
Burlington, Vt.	Dec. 15	a 18,640	5							1		
Do	Dec. 22	a 18,640	7	1					1			
Cambridge, Mass.	Dec. 15	a 91,886	23	4								3
Camden, N. J.	Dec. 15	a 75,935	26	1								5
Carbondale, Pa.	Dec. 14	a 13,500	5									
Chelsea, Mass.	Dec. 15	a 34,072	5									
Chicopee, Mass.	Dec. 22	14,050	8	1								
Cleveland, Ohio	Dec. 15	a 381,768	116							1	3	5
Clinton, Iowa	Dec. 15	13,619	3	1								1
Clinton, Mass.	Dec. 22	10,424	2									1
Concord, N. H.	Dec. 15	a 19,632	8	1								
Cumberland, Md.	Dec. 22	12,729	10									
Dayton, Ohio	Dec. 15	a 85,333	20	2								1
Detroit, Mich.	Dec. 15	a 286,000	88							2		1
Dunkirk, N. Y.	Dec. 15	a 14,100	2									
Elmira, N. Y.	Dec. 15	a 35,672	4									
Erie, Pa.	Dec. 15	a 52,733	19	1								3
Evansville, Ind.	Dec. 22	a 59,007	14	4					1			
Everett, Mass.	Dec. 15	a 24,336	9									2
Fall River, Mass.	Dec. 22	a 104,863	37	4					2		1	
Fitchburg, Mass.	Nov. 17	a 31,531	9									
Do	Nov. 24	a 31,531	12	1					2		1	
Do	Dec. 1	a 31,531	5								1	
Do	Dec. 8	a 31,531	5								1	
Do	Dec. 15	a 31,531	10						1		1	
Do	Dec. 22	a 31,531	6						1		1	
Gloucester, Mass.	Dec. 15	24,651	4									1
Green Bay, Wis.	Dec. 16	9,069	4									
Greenville, S. C.	Dec. 15	8,607	8						1			
Haverhill, Mass.	Dec. 22	a 37,175	4									1
Houston, Tex.	Dec. 15	a 44,633	24	1		1			1			
Do	Dec. 22	a 44,633	17	1		1						
Jacksonville, Fla.	Dec. 15	17,201	22	3								
Jersey City, N. J.	Dec. 16	a 206,433	61	6					1	1	2	
Johnstown, Pa.	Dec. 22	a 35,936	6									
Lawrence, Mass.	Dec. 15	a 62,559	26	1							2	
Lexington, Ky.	Dec. 15	21,567	8	1					1			
Do	Dec. 22	21,567	6									
Los Angeles, Cal.	Dec. 15	a 102,479	29	9								
Lowell, Mass.	Dec. 22	a 94,969	34	2								
Lynchburg, Va.	Dec. 15	19,709	11	1								
McKeesport, Pa.	Dec. 15	a 21,700	10							5	3	
Malden, Mass.	Dec. 22	a 33,664	1									
Manchester, N. H.	Dec. 15	a 56,987	27	1					1			
Do	Dec. 22	a 56,987	31	5					1		1	
Massillon, Ohio	Dec. 15	10,092	3	1								
Medford, Mass.	Dec. 22	11,079	2						1			
Memphis, Tenn.	Dec. 15	a 102,320	42	5					2		1	
Michigan City, Ind.	Dec. 15	10,776	7									1
Do	Dec. 22	10,776	2									
Milwaukee, Wis.	Dec. 15	a 285,315	75	8					1		7	1
Do	Dec. 22	a 285,315	63	5					1	1	2	3
Minneapolis, Minn.	Dec. 15	a 202,718	38	5					3	1	6	
Mobile, Ala.	Dec. 22	a 38,469	27	1								
Newark, N. J.	Dec. 8	a 246,070	82	9					2		7	1
Do	Dec. 15	a 246,070	92	8					2		3	
New Bedford, Mass.	Dec. 22	a 62,442	19	1					2	1		
Newburyport, Mass.	Dec. 15	13,947	6									
Newton, Mass.	Dec. 2	a 33,587	8									
New York, N. Y.	Dec. 15	a 3,437,202	1,132	161					28	6	37	1
Do	Dec. 22	a 3,437,202	1,186	142					22	10	48	7
Norristown, Pa.	Dec. 15	19,791	9									3
Do	Dec. 22	19,791	8									8

a United States census of 1900.

WEEKLY MORTALITY TABLE, CITIES OF THE UNITED STATES—Cont'd.

Cities.	Week ended.	Population U. S. census of 1900.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
North Adams, Mass.....	Dec. 22	a 24, 200	9	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Omaha, Nebr.....	Dec. 15	a 102, 555	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Oneonta, N. Y.....	Dec. 22	a 7, 147	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.....	do.....	a 1, 293, 697	463	65	.....	.....	.....	.....	10	4	20	.....	.....
Pittsburg, Pa.....	Dec. 15	a 321, 616	95	8	.....	.....	.....	.....	7	1	3	1	.....
Plainfield, N. J.....	Dec. 22	a 15, 369	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quincy, Mass.....	do.....	a 23, 899	5	1	.....	.....	.....	.....	.....	.....	.....	1	.....
Salt Lake City, Utah.....	Dec. 15	a 53, 531	15	2	1	.....	.....	.....	.....	.....	.....	.....	.....
Shreveport, La.....	Dec. 22	11, 979	4	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Somerville, Mass.....	do.....	a 61, 643	10	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Steelton, Pa.....	do.....	9, 250	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tacoma, Wash.....	Dec. 15	a 37, 817	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.....	do.....	a 23, 481	6	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Do.....	Dec. 22	a 23, 481	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	Dec. 15	a 278, 718	116	18	.....	.....	.....	.....	6	.....	2	.....	.....
Wheeling, W. Va.....	do.....	a 38, 877	15	1	.....	.....	.....	.....	1	1	1	.....	.....
Wichita, Kans.....	do.....	a 32, 500	6	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.....	Dec. 22	a 32, 500	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Williamsport, Pa.....	do.....	a 28, 737	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winona, Minn.....	Dec. 15	18, 208	8	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Woburn, Mass.....	Nov. 10	a 14, 254	8	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Do.....	Nov. 17	a 14, 254	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 24	a 14, 254	5	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Do.....	Dec. 1	a 14, 254	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 8	a 14, 254	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 15	a 14, 254	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.....	Dec. 14	a 118, 421	36	2	.....	.....	.....	.....	.....	.....	1	.....	.....
Yonkers, N. Y.....	Dec. 21	a 47, 931	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Youngstown, Ohio.....	Dec. 22	44, 885	6	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

a United States census of 1900.

Table of temperature and rainfall, week ended December 17, 1900.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	25	12		.91		.37
Portland, Me.....	27	12		.77		.75
Northfield, Vt.....	22	17		.68		.59
Boston, Mass.....	32	8		.74		.74
New Haven, Conn.....	33	10		.72		.66
Albany, N. Y.....	29	11		.63		.60
New York, N. Y.....	36	9		.70		.69
Harrisburg, Pa.....	35	9		.70		.70
Philadelphia, Pa.....	37	9		.67		.55
New Brunswick, N. J.....	36	12		.77		.75
Atlantic City, N. J.....	37	8		.86		.86
Baltimore, Md.....	39	9		.70		.70
Washington, D. C.....	38	7		.69		.69
Lynchburg, Va.....	40	7		.67		.67
Cape Henry, Va.....	45	8		.85		.85
Norfolk, Va.....	43	7		.84		.84
Charlotte, N. C.....	44	4		.90		.88
Raleigh, N. C.....	45	9		.70		.70
Kittyhawk, N. C.....	47	6		.91		.81
Hatteras, N. C.....	49	7		1.25		.74
Wilmington, N. C.....	49	9		.65		.06
Columbia, S. C.....	48	6		.63	.23	
Charleston, S. C.....	52	6		.70		.04
Augusta, Ga.....	48	4		.77	.84	
Savannah, Ga.....	53	6		.73	.06	
Jacksonville, Fla.....	57	3		.63		.13
Jupiter, Fla.....	68	1		.51		.19
Key West, Fla.....	70	0		.35		.34
Gulf States:						
Atlanta, Ga.....	45	2		.91		.24
Tampa, Fla.....	63	3		.53	.10	
Pensacola, Fla.....	55	1		.87		.42
Mobile, Ala.....	53	1		.98		.66
Montgomery, Ala.....	50	3		1.05	.25	
Meridian, Miss.....	51	4		1.11	.14	
Vicksburg, Miss.....	52	2		1.12		.44
New Orleans, La.....	56	0		.98		.40
Shreveport, La.....	51	1		1.05		.42
Fort Smith, Ark.....	43	2		.70		.70
Little Rock, Ark.....	46	1		.94		.94
Palestine, Tex.....	51	2		.84	.06	
Galveston, Tex.....	58	2		.91	1.95	
San Antonio, Tex.....	56	2		.42	.07	
Corpus Christi, Tex.....	59	1		.23	1.01	
Ohio Valley and Tennessee:						
Memphis, Tenn.....	44	1		.84		.80
Nashville, Tenn.....	42	2		.79		.79
Chattanooga, Tenn.....	43	3		.91		.91
Knoxville, Tenn.....	40	2		.91		.91
Lexington, Ky.....	39	8		.76		.76
Louisville, Ky.....	40	8		.91		.91
Indianapolis, Ind.....	34	7		.70		.70
Cincinnati, Ohio.....	38	9		.70		.70
Columbus, Ohio.....	34	11		.63		.63
Parkersburg, W. Va.....	38	12		.77		.77
Pittsburg, Pa.....	35	10		.63		.55
Lake Region:						
Oswego, N. Y.....	29	14		.77	.44	
Rochester, N. Y.....	29	12		.63	.14	
Buffalo, N. Y.....	30	12		.77		.61
Erie, Pa.....	33	11		.72		.51
Cleveland, Ohio.....	32	9		.61		.47
Sandusky, Ohio.....	33	10		.56		.51
Toledo, Ohio.....	32	10		.56		.56
Detroit, Mich.....	30	10		.56		.56
Lansing, Mich.....	29	9		.42		.40
Port Huron, Mich.....	28	9		.54		.51
Alpena, Mich.....	25	9		.56		.45
Sault Ste. Marie, Mich.....	24	12		.49		.33
Marquette, Mich.....	23	9		.56	.10	
Escanaba, Mich.....	20	5		.42		.39
Green Bay, Wis.....	26	8		.58		.54
Grand Haven, Mich.....	30	8		.61		.60
Milwaukee, Wis.....	27	3		.42		.16
Chicago, Ill.....	30	4		.56		.51
Duluth, Minn.....	20	7		.30		.16

a The figures in this column represent the average daily departure.

Table of temperature and rainfall, week ended December 17, 1900—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
Upper Mississippi Valley:						
St. Paul, Minn.....	21	.....	2	.32	.....	.26
La Crosse, Wis.....	25	.....	.....	.35	.....	.26
Dubuque, Iowa.....	27	4	.....	.42	.....	.39
Davenport, Iowa.....	29	2	.....	.42	.....	.42
Des Moines, Iowa.....	28	1	.....	.35	.....	.32
Keokuk, Iowa.....	31	2	.....	.42	.....	.42
Springfield, Ill.....	34	.....	4	.63	.....	.63
Cairo, Ill.....	40	0	.....	.72	.....	.72
St. Louis, Mo.....	38	.....	2	.65	.....	.65
Missouri Valley:						
Columbia, Mo.....	39	.....	5	.44	.....	.44
Springfield, Mo.....	41	1	.....	.64	.....	.57
Kansas City, Mo.....	34	2	.....	.35	.....	.35
Topeka, Kans.....	35	2	.....	.21	.....	.21
Wichita, Kans.....	40	.....	3	.21	.....	.21
Concordia, Kans.....	35	1	.....	.07	.....	.07
Lincoln, Nebr.....	32	4	.....	.14	.....	.14
Omaha, Nebr.....	29	3	.....	.21	.....	.21
Sioux City, Iowa.....	31	.....	2	.28	.....	.28
Yankton, S. Dak.....	25	5	.....	.21	.....	.21
Valentine, Nebr.....	30	6	.....	.07	.....	.07
Huron, S. Dak.....	22	2	.....	.14	.....	.14
Pierre, S. Dak.....	27	2	.....	.07	.....	.07
Moorhead, Minn.....	14	0	.....	.15	.....	.03
Bismarck, N. Dak.....	18	.....	.....	.14	.....	.14
Williston, N. Dak.....	17	3	.....	.16	.....	.15
Rocky Mountain Region:						
Harre, Mont.....	26	10	.....	.14	.....	.14
Helena, Mont.....	29	6	.....	.21	.....	.16
Miles City, Mont.....	20	14	.....	.07	.....	.07
Rapid City, S. Dak.....	33	4	.....	.04	.....	.04
Spokane, Wash.....	33	4	.....	.56	.68	.....
Walla Walla, Wash.....	41	3	.....	.49	.....	.06
Baker City, Oreg.....	27	8	.....	.42	.....	.35
Winnemucca, Nev.....	31	4	.....	.35	.....	.31
Pocatello, Idaho.....	27	4	.....	.35	.....	.30
Boise, Idaho.....	34	6	.....	.42	.....	.24
Salt Lake City, Utah.....	33	2	.....	.41	.....	.41
Lander, Wyo.....	23	.....	.....	.07	.....	.....
Cheyenne, Wyo.....	30	9	.....	.07	.....	.07
North Platte, Nebr.....	29	6	.....	.14	.....	.14
Denver, Colo.....	34	3	.....	.17	.....	.17
Pueblo, Colo.....	34	3	.....	.14	.....	.14
Dodge City, Kans.....	35	2	.....	.15	.....	.15
Oklahoma, Okla.....	42	2	.....	.61	.....	.61
Amarillo, Tex.....	36	5	.....	.21	.....	.21
Arlene, Tex.....	48	.....	2	.35	.....	.05
Santa Fe, N. Mex.....	31	6	.....	.21	.....	.21
El Paso, Tex.....	45	0	.....	.14	.....	.14
Phoenix, Ariz.....	53	1	.....	.25	.....	.25
Yuma, Ariz.....	57	0	.....	.08	.....	.08
Pacific Coast:						
Seattle, Wash.....	42	4	.....	1.26	1.77	.....
Tacoma, Wash.....	41	5	.....	1.72	.65	.....
Portland, Oreg.....	42	5	.....	1.79	.58	.....
Roseburg, Oreg.....	42	5	.....	1.48	.17	.....
Eureka, Cal.....	49	.....	.....	1.87	.....	.....
Redbluff, Cal.....	46	.....	.....	1.23	.....	.....
Carson City, Nev.....	36	1	.....	.49	.....	.35
Sacramento, Cal.....	46	0	.....	.95	.17	.....
San Francisco, Cal.....	51	.....	1	1.13	.02	.....
Fresno, Cal.....	45	0	.....	.35	.....	.25
San Luis Obispo, Cal.....	54	0	.....	1.06	.....	.79
Los Angeles, Cal.....	56	0	.....	.97	.....	.97
San Diego, Cal.....	56	2	.....	.54	.....	.54

a The figures in this column represent the average daily departure.

FOREIGN AND INSULAR:

BRAZIL.

Sanitary reports from Rio de Janeiro.

RIO DE JANEIRO, BRAZIL, *October 27, 1900.*

SIR: I have the honor to transmit to you the official sanitary report for the period October 1 to October 15, inclusive:

There were 487 deaths from all causes, a decrease of 18 as compared with the foregoing fortnight, being at the rate of 32.46 per diem and corresponding to an annual death rate of 15.21 per cent against 33.66 and 15.77 per cent during the preceding period.

The number of deaths in regard to infectious and contagious diseases were as follows: Tuberculosis, 103, against 113; malarial fever, 39, against 31; smallpox, 26, against 33; beriberi, 6, against 5; plague, 12, against 56; yellow fever, 4, against 2; typhoid fever, 4, against 5; influenza, 3, against 2; measles, 1, against 3; dysentery, 3, against 0, and diphtheria, 1, against 0.

There were 568 births—that is, an average of 37.86 per diem, corresponding to an annual birth rate of 17.74 per cent.

The thermometer varied as follows: 21° medium, 16.03° minimum, an extraordinary maximum of 36.2°.

Bills of health.

Since last reports the following-named ships have been inspected and received bill of health of this office: October 19, steamship *Dinnie*, British, for Savannah. October 20, steamship *Tiverton*, British, for New Orleans; steamship *Cornucopia*, British, for New Orleans; bark *Virgini della Guards*, Helias, for Mobile. October 22, steamship *Ragusa*, German, for New York. October 24, bark *Amy*, American, for Baltimore.

Respectfully,

W. HAVELBURG, M. D.,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

RIO DE JANEIRO, BRAZIL, *November 6, 1900.*

SIR: I have the honor to transmit to you the official sanitary report for the last fortnight from October 16 to October 31, 1900:

There were 545 deaths from all causes, an increase of 58 as compared with the foregoing fortnight, however, sixteen days against fifteen days, being at the rate of 34.06 per diem and corresponding to an unusual death rate of 15.95 against 32.46 and 15.21 during the preceding period. During the same period of last year there were 629 deaths.

The number of deaths from infectious and contagious diseases were as follows: Tuberculosis, 110, against 103; smallpox, 43, against 26;

malarial fever, 30, against 39; beriberi, 10, against 6; plague, 9, against 12; typhoid fever, 5, against 4; yellow fever, 2, against 4; influenza, 2, against 3; dysentery, 2, against 3; measles, 3, against 1, and diphtheria, none, against 1.

There were 500 births—that is, an average of 31.25 per diem, corresponding to an annual birth rate of 14.64 per 1,000.

The thermometer varied as follows: 34.9° maximum, 16.3° minimum, and 21.88° medium.

Plague.

The plague has made the following progress:

Date.	New cases.	Deaths at—		Cured.	Number of patients in hospital.	Date.	New cases.	Deaths at—		Cured.	Number of patients in hospital.
		Hospital.	Residence.					Hospital.	Residence.		
Oct. 16...		2			21	Oct. 24...		1			29
Oct. 17...	2		1		22	Oct. 25...	1				30
Oct. 18...	3				25	Oct. 26...	2				32
Oct. 19...	2				27	Oct. 27...		1			31
Oct. 20...				1	26	Oct. 28...		1			30
Oct. 21...	2				28	Oct. 29...	3			8	25
Oct. 22...	1				29	Oct. 30...					25
Oct. 23...					30	Oct. 31...					25

Sanitary report from the State of Sao Paulo.

The official data in regard to the sanitary conditions during the month of July are as follows: The total number of deaths was 3,315, a decrease of 406 as compared with the month of June. From tuberculosis there died 156 persons (28 at the city of Sao Paulo and 22 at Santos), a decrease of 3, and from malaria, 76, a decrease of 49. From typhoid fever there died 37 persons (10 at the city of Sao Paulo), an increase of 10; yellow fever, 12 persons (5 at Sao Paulo, 6 at Santos, 1 at Casa Branca), a decrease of 30; measles, 13 persons, an increase of 5; scarlet fever, 1 person, a decrease of 1. In regard to other infectious diseases there are 3 deaths from diphtheria, 32 deaths from whooping cough, 5 deaths from erysipelas, 9 deaths from dysentery, 115 deaths from influenza, and 11 deaths from leprosy.

Bills of health.

Since last report the following-named ships have been inspected and received bills of health of this office: October 25, steamship *Dunmore*, British, for Norfolk; steamship *Rhodesia*, British, for New Orleans. November 1, steamship *Araucania*, British, for New Orleans. November 4, steamship *Hevelius*, Belgian, for New York. November 5, schooner *Glad Tidings*, American, for Baltimore.

Respectfully,

W. HAVELBURG, M. D.,
Acting Assistant Surgeon, U. S. M. H. S.

CHINA.

Report from Hongkong.

HONGKONG, CHINA, November 12, 1900.

SIR: I have the honor to transmit herewith the report of inspection work at this station for the week ended November 10, 1900.

The fore-castle, holds, and steerage apartments of the American steamer *Rio de Janeiro* were disinfected to kill rats. Three hundred and seventy-

nine baths were given during the week and all textile fabrics of these individuals were disinfected by steam.

The new floating plant was used for the first time, the crews and steerage passengers of 2 vessels being treated there during the week. The barge, formerly an old sailing ship, is fitted up with a steam chamber 12 feet long and 5 feet in diameter, inside measurement. The chamber, boilers, and bathroom are located between decks, thus leaving the entire upper deck space for the unpacking of baggage. The chamber did very good work, the pressure in the jacket being 40 pounds and in the chamber 20 pounds. Having no provision for obtaining a vacuum, it is necessary to dry the clothing before its removal from the chamber. The sulphur rooms are not yet completed, but they will soon be built on the upper deck. The plant is in charge of Chinese attendants, one of them being recommended to the company by this consulate. This man is directly responsible to the consulate for the character of the work.

The sulphur room at the Pacific Mail Company's disinfecting station is about completed, and the baggage leaving on the next steamer for San Francisco will be treated there. Passenger traffic is rather light at present, but after the Chinese New Year there is always a great increase, which will tax our facilities for disinfecting to the utmost. No case of plague or other quarantinable disease has been reported to the sanitary board for two weeks.

A notification is published in the Government Gazette of a telegram from the governor-general of Indo-China, announcing the rescinding on the 8th instant of the decree of May 3, declaring Hongkong infected with plague. The total deaths in the colony during the week (estimated population, 257,000) was 133, 5 being due to enteric fever and 2 due to tuberculosis.

Respectfully,

JOHN W. KERR,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

Report of vessels inspected at Hongkong, China, week ended November 10, 1900.

Date.	Name of vessel.	Destination.	Crew.	Passengers.		Re-jected.
				Cabin.	Steer- age.	
Nov. 5	Br. str. Belgium King (a).....	San Francisco, Cal.....	48	5	0	0
Nov. 6	U. S. ship Monterey (b)	Canton, China	192	0	0	0
Nov. 7	Br. bk. Hamburg	New York, N. Y.	19	0	0	1
Do....	Br. ss. Sierra Cordova.....	Portland, Oreg.....	26	0	0	1
Nov. 8	Am. bk. Topgallant	Port Townsend, Wash....	15	0	0	0
Do....	Am. str. Rio de Janeiro (c)	San Francisco, Cal.....	114	2	62	4
Nov. 9	Br. str. Changsha (d).....	Australia, via Manila....	93	16	42	1
Do....	Br. str. Sungkiang (e).....	Manila, P. I.....	67	16	33	1

a Asiatic crew bathed and clothing disinfected.

b Bills of health issued on certificate of medical officer.

c Holds disinfected to kill rats. Asiatic passengers and crew bathed and all textile fabrics disinfected.

d Asiatic crew and steerage passengers bathed and textile fabrics disinfected.

e Asiatic crew and steerage passengers bathed and textile effects disinfected.

HONGKONG, CHINA, *November 21, 1900.*

SIR: I have the honor to transmit herewith the report of inspection work at this station for the week ended November 17, 1900; also under same cover an abstract of mortality statistics of the colony during the

month of October, 1900. Five hundred and twenty-one baths were given during the week and 514 pieces of baggage were disinfected by steam. Sixteen vessels were inspected during the two weeks ended November 12. No cases of plague or other quarantinable diseases were reported to the sanitary board during the week.

Respectfully,

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

JOHN W. KERR,
Assistant Surgeon, U. S. M. H. S.

[Inclosure.]

Abstract of mortality statistics during the month of October, 1900.

	Population.				Population.		
	British and foreign.	Chinese land.	Chinese harbor.		British and foreign.	Chinese land.	Chinese harbor.
Specific febrile diseases—				Nervous diseases—			
Measles.....	0	11	0	Continued.			
Diphtheria.....	0	4	0	Meningitis.....	1	5	0
Fever, enteric.....	1	8	0	Apoplexy.....	1	4	0
Diarrhea.....	1	50	5	Paralysis.....	0	3	2
Dysentery.....	1	3	0	Infantile convulsions.	0	27	1
Bubonic plague.....	0	14	1	Tetanus.....	0	1	0
Malarial—				Trismus.....	0	66	0
Fever, intermittent..	2	7	3	Softening of brain..	1	0	0
Fever, remittent.....	3	41	5	Circulat'y system—			
Fever, undefined.....	0	9	0	Heart disease.....	1	18	0
Beriberi.....	0	19	12	Aneurism.....	0	1	0
Septic—				Pericarditis.....	0	1	0
Septicæmia.....	0	3	1	Respirat'y system—			
Puerperal fever.....	0	1	0	Bronchitis.....	0	32	7
Venereal—				Pneumonia.....	1	8	0
Syphilis.....	0	8	0	Phthisis.....	4	65	12
Effects of injuries.....	1	6	6	Digestive system—			
Errors of diet, alcoholism.	1	0	0	Enteritis.....	0	2	0
Developmental diseases—				Cirrhosis of liver..	1	0	0
Immaturity at birth..	0	1	0	Yellow atrophy of liver.	0	0	1
Debility.....	1	6	4	Peritonitis.....	0	1	1
Old age.....	0	15	10	Cancrum oris.....	0	1	0
Marasmus.....	0	20	0	Urinary system—			
Inanition.....	1	3	0	Bright's disease.....	1	9	2
Abscess of rectum.....	0	1	0	Generative system—			
Miscellaneous—				Ovarian cyst.....	1	0	0
Cancer of stomach.....	1	0	0	Parturition.....	0	1	0
General tuberculosis	1	3	1	Childbirth.....	0	2	5
Nervous diseases—				Undiagnosed.....	0	7	3
Meningitis, tubercular.	0	1	0	Total.....	26	488	82

British and foreign population, 9,100; death rate, 26.3 per 1,000. Chinese land population, 212,860; death rate, 27.6 per 1,000. Chinese harbor population, 35,040; death rate, 39.1 per 1,000. Total population of colony, 237,000; death rate, 27.5 per 1,000, exclusive of army and navy.

CUBA.

Reports from Cienfuegos, Casilda, and Santa Cruz del Sur.

CIENFUEGOS, CUBA, December 17, 1900.

SIR: I have the honor to report that during the week ended December 15, 1900, 17 deaths occurred in this city, the following being the causes of death: Meningitis, 2; tuberculosis, 2; malarial fever, 2; intestinal colic, 1; cerebral tumor, 1; paludic fever, 1; capillary bronchitis, 1; arteria sclerosis, 2; cardiac hypertrophy, 1; pernicious fever, 1; cerebral hemorrhage, 1; malarial chachexia, 1; intestinal obstruction, 1; angina pectoris, 1. Four of these deaths occurred in the civil hos-

pital. Death rate, 22.16. Fourteen vessels have entered this port, been inspected and passed. Eighteen vessels have been issued bills of health for other ports. By request of the captain of the port, 9 pilots have been examined as to their accuracy of vision and ability to distinguish colors. During the week 42 health certificates have been issued to passengers, 69 pieces of baggage inspected and passed, and so labeled, 35 pieces of baggage disinfected, and so labeled, and 27 pieces of baggage labeled "To be disinfected at Santiago."

Casilda.—Dr. Alejandro Cantero reports 4 deaths in the city of Trinidad during the week; no contagious diseases reported. Inspected 5 vessels during the week.

Santa Cruz del Sur.—Dr. Juan R. Xiques reports no deaths in that port during the week; no contagious diseases reported. Inspected 4 vessels during the week.

Respectfully,

F. E. TROTTER,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Inspection of immigrants at Cienfuegos for the week ended December 15, 1900.

CIENFUEGOS, CUBA, December 17, 1900.

SIR: I herewith submit report of alien steerage passengers at this port during the week ended December 15, 1900: December 12, steamship *Conde Wifredo*, from Barcelona, with 5 immigrants.

Respectfully,

F. E. TROTTER,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

A case of yellow fever at Cienfuegos.

CIENFUEGOS, CUBA, December 23, 1900.

One case yellow fever reported to-day.

TROTTER,

Quarantine Officer, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Matanzas, Cardenas, Isabela de Sagua, and Caibarien.

MATANZAS, CUBA, December 11, 1900.

SIR: I have the honor to submit herewith the following sanitary report of the quarantine district under my command for the week ended December 8, 1900:

Matanzas.—Eleven deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 12.67 per 1,000.

The principal causes of deaths were as follows: Tuberculosis, 2; enteritis, 2; atresia, 2; malarial fever, 1; senility, 1; other causes, 3.

One case of diphtheria was reported. Four foreign vessels and 1 coasting vessel were inspected and passed on arrival. Six bills of health were issued. Twenty-one health certificates were issued to persons leaving the island. Ten pieces of baggage were inspected and passed and 1 piece disinfected. The disinfecting barge *Guardian*, of the United

States Marine-Hospital Service, arrived at this port on December 4, 1900.

I inclose herewith table of mortality statistics for the city of Matanzas during the month of November, 1900: Tuberculosis, 15; enteritis, 6; meningitis, 4; nephritis, 3; tetanus, infantile, 4; gangrene, 2; malarial fever, 2; hemorrhage, umbilical, 2; heart disease, 2; senility, 2; cedema, pulmonary, 2; Bright's disease, 1; uræmia, 1; congenital debility, 1; nœplasia, 1; hemorrhage, puerperal, 1; yellow fever, 1; pneumonia, 1; rachitis, 2; grippe, 1; drowning, 1; typhoid fever, 1; epilepsy, 1; typhoid malarial, 1; other causes, 8; total, 66. The population of the town being 45,250, the above figures indicate a yearly mortality of 17.50 per 1,000.

Cardenas.—Acting Asst. Surg. Enrique Saez reports that 10 deaths occurred in Cardenas during the week, of the following causes: Tuberculosis, 5; mitral insufficiency, 2; other causes, 3. No case of an infectious or contagious character was reported. The death rate during the week was 21 per 1,000. Three foreign vessels and 9 coasting vessels were inspected and passed on arrival. Eight bills of health were issued to foreign vessels.

Isabela de Sagua.—Acting Asst. Surg. Pedro Garcia Riera reports that the death rate during the week was 2.34 per 1,000. One foreign vessel and 15 coasting vessels were inspected and passed on arrival. Two bills of health were issued to foreign vessels and 9 certificates were issued to coasting vessels.

Caibarien.—Acting Asst. Surg. Leoncio Junco reports that the sanitary condition of port and town is excellent. The death rate during the week was 1.34 per 1,000. Five vessels were inspected and passed on arrival. One bill of health was issued to a foreign vessel and 3 certificates of inspection were issued to coasting vessels.

Respectfully,

G. M. GUITÉRAS,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

MATANZAS, CUBA, December 18, 1900.

SIR: I have the honor to submit the following sanitary report of the quarantine district under my command for the week ended December 15, 1900:

Matanzas.—Ten deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 11.52 per 1,000. The principal causes of deaths were as follows: Tuberculosis, 4; malaria, 1; heart disease, 1; wounds, 1; other causes, 3. The following cases of infectious or contagious character were reported: Diphtheria, 2; dysentery, 1. Five foreign vessels and two coasting vessels were inspected and passed on arrival. Seven bills of health were issued to vessels during the week. Twenty-four health certificates were issued to persons leaving the island.

Cardenas.—Acting Asst. Surg. Enrique Saez reports that 10 deaths occurred in Cardenas during the week. The principal causes of deaths were as follows: Tuberculosis, 2; tetanus, infantile, 2; heart disease, 1; malaria, 1; enteritis, 1; other causes, 3. No case of an infectious or contagious character was reported. The death rate during the week was 10 per 1,000. Nine coasting vessels were inspected and passed on arrival. No bill of health was issued during the week.

Isabela de Sagua.—Acting Asst. Surg. Pedro Garcia Riera reports that the death rate during the week was 21.12 per 1,000. Two foreign

vessels and 18 coasting vessels were inspected and passed on arrival. Two bills of health were issued to foreign vessels and 16 certificates of inspection were issued to coasting vessels.

Caibarien.—Acting Asst. Surg. Leoncio Junco reports that the sanitary condition of port and town is very good. The death rate during the week was 1.34 per 1,000. Five vessels were inspected and passed and 5 vessels passed without inspection. Nine bills of health were issued to vessels during the week.

Respectfully,

G. M. GUITÉRAS,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

GERMANY.

Report from Berlin—Plague, cholera, and smallpox in various countries.

BERLIN, GERMANY, *December 10, 1900.*

SIR: I have the honor to submit the following report from information obtained from the imperial health office:

Plague.

British East India.—During the week ended November 2 there occurred in the presidency of Bombay 1,419 cases and 117 deaths from plague—that is to say, 15 deaths less, but 2 new cases more than in the previous week.

In the city of Bombay there were reported during the week 135 new cases and 92 deaths from plague. Besides this number, 210 persons are suspected to have died from plague. The total number of deaths from all causes in the last week (838) was 3 more than during the previous week.

Japan.—From September 21 to October 26, 17 new cases of plague were noted in the district of Osaka, of which 13 resulted fatally. Inasmuch as since September 8 of 30 plague cases 20 died, the recent outbreak of the epidemic would appear to be less severe than in the spring and summer, for at that time out of 48 cases 45 died. During the second half of the month of October, 2 persons were also taken sick of suspected plague in Kobe. In 1 case the necropsy showed that death was due to bubonic plague. The dwellings of both, who were at once removed to the plague hospital, are situated in the former plague district of Ono, and have been isolated by the police.

Brazil.—According to official information there occurred during the month of October, in the city of Rio de Janeiro, up to November 2 inclusive, 37 cases (and 25 deaths)—that is to say, 9 (8) more than were reported during the previous month, September. In spite of all the precautions taken a fatal case of plague has also occurred in the town of Petropolis, reached in two and one-half hours' journey from Rio de Janeiro.

Queensland.—According to the weekly bulletin of the central health authorities at Brisbane, there occurred during the week ended October 13, 4 new cases of plague in the Colony, all in Brisbane. During the week following, ended October 20, there occurred, according to another report, 1 new case and 1 death from plague in Brisbane.

Cholera.

British East India.—In Calcutta 8 persons died of cholera during the period from October 21 to 27.

Smallpox.

Russia.—During the autumn this year smallpox has raged with unusual violence in Warsaw. According to the weekly bulletin prepared by the municipal authorities and used by the imperial health office, there occurred during the period from September 30 to November 10, in that city, 2,087 deaths, of which 149 were due to smallpox; of each 14 deaths during this time, therefore, 1 was from smallpox. During the first nine months of the current year, 202, and in the previous year 179 persons died there from smallpox. The figures quoted, which, moreover, do not include the deaths among the soldiers, remain, we are informed, considerably below the actual numbers, inasmuch as there is no guarantee of the completeness of the reports. The hospital service in Warsaw has not sufficiently developed during the past few years. In the year 1897, there were only 5.4 hospital beds per each 10,000 inhabitants, while 30 years ago (1867) there were still 7. The accommodation for patients suffering with contagious diseases meets with special difficulties. The police summon the public to be vaccinated by means of posters on the street corners. Furthermore, arrivals at the public schools have recently been required to produce certificates of vaccination.

Temporary precautions against plague.

German Empire.—Notice regarding imports from Glasgow, dated November 27, 1900.

By virtue of section 25 of the law for combating generally dangerous diseases, of June 30, 1900, the proclamation of limitations upon the imports from Glasgow, September, 14, 1900, goes out of force from the date of the present notification.

COUNT VON POSADOWSKY,
Representative of the Imperial Chancellor.

BERLIN, GERMANY, November 27, 1900.

The imperial chancellor has dispatched a circular to the Federal States on November 27, requesting them to submit the ships coming from the harbors of Cape Colony and Natal to a police sanitary control, with the object of averting the threatening danger of plague.

Seven deaths from influenza were reported in Berlin last week.

Respectfully,

JOSEPH B. GREENE,
Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Quarantine at Bremen on ships from Cape Colony and Natal on account of plague.

BERLIN, GERMANY, December 4, 1900.

[Clipping from the Berliner Tageblatt, December 4, 1900, sent by P. A. Surg. J. B. Greene.]

BREMEN, December 3, 1900.

The quarantine bureau has ordered a control by the sanitary police over the ships arriving from the harbors of Cape Colony and the colony of Natal in consequence of the outbreak of plague in British South Africa.

Report on the sanatorium for tuberculosis at Belzig.

BERLIN, GERMANY, December 7, 1900.

SIR: In view of the sanatorium treatment recently provided by the Marine-Hospital Service for the treatment of sailors of the merchant marine affected with pulmonary tuberculosis, I have the honor to submit the following report of a recent visit to the sanatorium at Belzig, near Berlin. Through the courtesy of Dr. Von Leyden, the distinguished professor of the university of Berlin, and one of the consulting physicians of this institution, I was granted permission to visit the sanatorium. This institution though small is probably the most modern and perfectly equipped in Germany. It was only opened for the reception of patients in the early part of the present year, so no official report has yet been made of the work at this institution. The government makes no appropriation for its support, but it is largely sustained by a Berlin society for the treatment of tuberculosis. There are 25 free beds, endowed by Samuel Bleichroeder, of Berlin. There are also 95 pay beds, the charges for which vary between 75 cents and \$1.25 per day, depending on the character of the room. Considering the generous diet furnished at this institution and the modern comforts afforded, it would be surprising if the sum so collected from the patients was sufficient to meet all current expenses.

The town of Belzig is about one and one-half hours by train from Berlin, and the sanatorium is reached after one-half hour's drive from the station. It is well situated in an enormous pine forest, and is well sheltered from wind by a slight elevation of land on all sides. The tall pines afford additional shelter. The elevation is not more than 400 feet above the sea level, but the officers of the institution do not consider this a serious drawback. The soil is sandy and porous. The sunshine during winter is limited both on account of the extreme northern latitude and the number of cloudy days. In summer naturally the number of hours of sunshine is greatly increased. The building is of brick and is well encircled with large open verandas. It is heated partly by steam and partly by hot water and is equipped with an electric light plant.

As a rule patients are not received in advanced stages of tuberculosis. Unless their condition is such as to justify a fair hope of recovery, or at least improvement, they are not wanted.

Every patient on admittance is examined thoroughly as to his physical condition, and the sputum searched for tubercle bacilli. In case no bacilli are discovered after three successive examinations, then Koch's tuberculin is tried, beginning with 1 milligram and increasing the dose to 10 milligrams. In case of no fever reaction, the evidence is against tuberculosis. Tuberculin is only used as a diagnostic measure at this institution, though at Koch's original institution in Berlin it is still used for treatment in suitable cases. The institution relies almost entirely upon measures tending to improve the general condition of the patient, such as fresh air, nutritious food, with rest. Cold morning douche baths are also prescribed in many cases, and seem to exert a favorable influence in toning up the general system. In addition to this morning application of cold water, every patient is given a cold bandage for chest at bedtime, and the attending physician speaks with great confidence of its effect in promoting expectoration and producing sleep. A flannel bandage is wrung out in cold water and applied to the chest, and over this is applied a covering of oiled silk or rubber. At

first patients do not take kindly to this treatment, but soon find its application so grateful that it can not be dispensed with.

All patients whose temperature goes above 38° C. are kept in bed. Those whose temperature reaches 37.5° C. are allowed the rest treatment on the open verandas, but not to take the exercise of walking on the grounds. Rest treatment as carried out at this sanatorium consists in having the patient lie perfectly quiet in a reclining chair on the open verandas for a period of five hours daily. During this time the patient is well wrapped in woolen blankets, and is encouraged to sleep as much as possible. Light reading is not prohibited.

The exercise of walking is carried on for three hours during the day, and is never discontinued on account of bad weather. The patients are, of course, well protected from rain and cold.

The meals of the day are given as follows, 7.30 a. m., first breakfast—Coffee or cocoa, with milk, bread and butter; 10 a. m., second breakfast—Milk, bread, butter, and eggs; 1 p. m., dinner—Soup, meat, beer, vegetables, stewed fruit, dessert, followed by a small cup of coffee; 4 p. m., "vesper"—Coffee or cocoa, with milk, bread, and butter; 7 p. m., supper—Soup, cold meat, potatoes, and milk.

There is a slight variation in the menu of dinner and supper each day.

It may be of interest to state that Dr. Müller, at the head of this sanatorium, has discovered in growing grass a bacillus which he has termed the "timothée bacillus." It is similar in all its cultural and staining characteristics to Koch's tubercle bacillus, except that it develops on blood serum within twenty-four hours, instead of two weeks, as required by the original tubercle bacillus. The timothée bacillus is also pathogenic to guinea pigs.

Respectfully,

JOSEPH B. GREENE,
Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

ITALY.

Report from Naples.

NAPLES, ITALY, December 5, 1900.

SIR: I have the honor to report that for the week ended December 5, 1900, the following ships were inspected:

On November 30, the steamship *Kaiser Wilhelm II*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 544 steerage passengers and 276 pieces of large and 800 pieces of small baggage. Two hundred and fifty-three pieces of baggage were disinfected by steam.

On December 2, the steamship *Trojan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 855 steerage passengers and 200 pieces of large and 950 pieces of small baggage. Two hundred and sixty pieces of baggage were disinfected by steam.

On December 5, the steamship *Alsatia*, of the Anchor Line, bound with cargo and passengers for New York. There were inspected and passed 219 steerage passengers and 18 pieces of large and 250 pieces of small baggage. Forty pieces of baggage were disinfected by steam.

Respectfully,

VICTOR G. HEISER,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

JAPAN.

Plague at Osaka—No new cases at Kobe or Hiogo.

KOBE, JAPAN, November 20, 1900.

SIR: I have to report that there has been no further case of plague in Kobe or Hiogo since my report of the 8th instant, making twenty-four days since the last case here.

The plague still continues in Osaka, though on a diminished scale, 7 cases and 7 deaths having occurred during this month.

Respectfully,

J. BUCKWILL FOWLER,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.**Removal of disinfection of steerage passengers at Yokohama.*

YOKOHAMA, JAPAN, November 27, 1900.

SIR: I have the honor to acknowledge the receipt. on 23d instant, of your letter of October 23 (P. McE. and E. B. S. and B. S. W. and J. H. W.), inclosing a copy of a letter from Surg. J. J. Kinyoun, and directing me to renew the practice of disinfecting steerage passengers and their effects at this port.

I am very glad to receive this direct and unconditioned order, for I have always been in favor of routine disinfection of steerage passengers embarking here, as witness the following extract from my letter to you, dated March 18, 1900: "I may add that, unless you disapprove, I shall hereafter disinfect all steerage passengers for United States ports, irrespective of the actual presence of the graver epidemic diseases. * * * To this routine disinfection the steamer men have agreed." To this you responded under date of April 12, 1900: "The Bureau approves the plan suggested by you of disinfecting the effects of all steerage passengers for United States ports, irrespective of the actual presence of the graver epidemic diseases. It is believed to be a wise measure, and, as the steamship companies interpose no objection, you will continue the work which has been established by you." Under this approval, when the steamship companies *did* object, and no plague or other of the diseases provided for by the United States quarantine laws were present in or near Yokohama, or, in fact, had occurred in Japan for over one month, I could not see my way to override the opposition of the shipping interest.

I am unable to carry out your instructions as regards this present steamer, the *Coptic*, as since the receipt of your letter the time has been insufficient to complete the needful arrangements with the steamship companies, or to prepare the necessary premises and apparatus. The steamship companies were notified of the orders for the renewal of disinfection by the inclosed circular at the earliest possible moment.

All passengers, however, who go by the *Coptic* in the lower class, with the exception of certain men discharged from United States naval hospitals, have been under observation in Yokohama for fifteen days or more when there appeared even a possibility that they might have come from or through the infected district.

Respectfully,

STUART ELDRIDGE,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

YOKOHAMA, JAPAN, November 23, 1900.

To agents of steamship companies trading to ports of the United States and their Territories:

I beg to notify you that I have this day received from the Bureau of the U. S. Marine-Hospital Service the following instructions:

"TREASURY DEPARTMENT,
OFFICE OF THE SURGEON-GENERAL, MARINE-HOSPITAL SERVICE,
Washington, D. C., October 23, 1900.

* * * * *

The Bureau deems it advisable to renew the practice of disinfection of * * * steerage passengers at Yokohama for the reasons stated, namely, a possibility of the reinfestation of apartments and baggage already disinfected, and also that such disinfection will save considerable time to incoming steamers.

You are, therefore, directed to renew this disinfection upon receipt of this letter.

Respectfully,

"WALTER WYMAN,
Surgeon-General, U. S. M. H. S."

In accordance with the foregoing it is then necessary that the arrangement for bathing and disinfecting steerage passengers and their effects, in force during the first half of this year, or some closely similar one, be immediately put into operation, in form satisfactory to the sanitary inspector.

I shall be compelled to refuse bills of health to any ship carrying steerage passengers from here who have not been subjected to bathing and disinfection. This applies to passengers for Hawaii, the Philippines, and Guam, as well as to those for ports in the United States proper, and also to passengers embarking for points not in the United States territory, upon vessels destined for United States ports.

Respectfully,

STUART ELDRIDGE,
Acting Assistant Surgeon, U. S. M. H. S., Sanitary Inspector, Yokohama.

A death from plague at Osaka.

YOKOHAMA, JAPAN, November 30, 1900.

SIR: I have the honor to inform you that since dispatching my report of 28th instant I have received news of the death by plague, at Osaka, of 1 more victim on the evening of November 27.

The central board of health at Tokyo is stated to be about to recommend methods of greater stringency in combating the epidemic.

Respectfully,

STUART ELDRIDGE,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

NORWAY.

Quarantine established against Kobe, Japan, and other places, and removed against Glasgow and other places.

CHRISTIANIA, December 3, 1900.

SIR: Inclosed I have the honor to send duplicate copies of a quarantine proclamation issued by the royal Norwegian Government's justice and police department on November 29, 1900.

I also send translation.

Respectfully,

HENRY BORDEWICH,
Consul-General.

HON. ASSISTANT SECRETARY OF STATE.

[Inclosure—Translation.]

Proclamation from the royal Norwegian Governments, department of justice, and police.

DECEMBER 3, 1900.

A royal proclamation was made to-day as follows:

"It is hereby proclaimed that, in accordance with paragraph 2 in law of July 12, 1848, relating to quarantine, the city of Kobe, in Japan, shall, until further notice, be considered infected with the oriental plague, and the quarantine regulations laid down in said law and in circular of October 13, this year, as regard plague, etc., are to take effect at once.

"At the same time it is brought to public notice that the city of Glasgow, the city of Smyrna, in Asia, New Caledonia, and the city of Sydney, in Australia, and the ports in Paraguay, which, by proclamation of March 10, April 18, July 17, and September 1, this year, were declared infected with the plague, shall not any longer be considered as infected with the plague.

"With which all concerned respectfully have to comply.

"Which is hereby brought to public notice, while it must be remembered that, according to prior proclamations of February 1, 1897, June 27, and August 22, 1899, and March 10, April 18, May 23, and July 17, 1900, Arabia, Persia, India, China, Manila, Formosa, the city of Osaka, in Japan; the ports in Egypt, Mauritius, the city of Rio Janeiro, in Brazil; the Sandwich Islands, and the city of Melbourne, in Australia, shall until further notice be considered infected with the oriental plague."

A number of copies of this proclamation are inclosed.

CHRISTIANIA, November 29, 1900.

A. QVAM.

GEORG JOHANNESSEN.

PORTO RICO.

Report from Ponce—Summary of work during November, 1900.

PONCE, P. R., December 10, 1900.

SIR: Through chief quarantine officer of Porto Rico, I have the honor to transmit herewith the regular quarantine and abstract of bills of health reports for the week ended December 8, 1900. Together with the monthly summary of work of the station and the report of mortality of Ponce for November, 1900. Five vessels were inspected and passed and 6 bills of health were issued during the week. The mortality report shows 100 less deaths than the previous month, and at this rate it will soon drop to normal. The principal causes of the decrease are the exhaustion of much of the material, the return to the interior for the coffee harvest of many people who had gathered in the city, and the work of the several charity organizations which have relieved a great deal of suffering.

Respectfully,

W. W. KING,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

Summary of transactions of service during the month of November, 1900.

PONCE, P. R., December 10, 1900.

Total number of deaths reported during November, 1900 (a).....	270
Total number of deaths reported during November, 1899 (a).....	287
Total number of births reported during November, 1900 (a).....	115
Total number of births reported during November, 1899 (a).....	97
Total number of vessels inspected during November, 1900.....	20
Total number of vessels inspected during November, 1899.....	21
Number of bills of health issued during November, 1900.....	19
Number of bills of health issued during November, 1899.....	21
Number of vessels in quarantine during November, 1900.....	4

a These figures are for the city proper, the plays, and surrounding district of Ponce.

Summary of transactions of service during the month of November, 1900—Continued.

Number of passengers inspected during November, 1900 (incoming)	95
Number of passengers inspected during November, 1900 (in transit)	115
Number of crew inspected during November, 1900	734
Number of immigrants inspected during November, 1900	16
Rejections	0

Number and causes of deaths in Ponce jurisdiction (city, playa, and surrounding country) during the month of November, 1900.

Diseases of the digestive apparatus.....	103	Septicæmia	2
Diseases of the respiratory system.....	7	Syphilis	1
Diseases of the circulatory system.....	5	Typhoid fever.....	1
Diseases of the nervous system	12	Metro peritonitis.....	4
Malnutrition, anæmia, inanition	97	Old age.....	3
Tuberculosis	15	Poisoning	1
Malaria.....	8	Traumatic shock.....	1
Dysentery (not epidemic).....	5		
Gangrene.....	1	Total.....	270
Tetanus infantile.....	4		

Inspection of immigrants at Ponce during the week ended December 8, 1900.

PONCE, P. R., December 10, 1900.

SIR: Through chief quarantine officer of Porto Rico I submit herewith report of alien steerage passengers arriving at this port during the week ended December 8, 1900: December 5, French steamship *Salvador*, from Fort de France, St. Pierre, Pointe a Pitre, Basse Terre, and St. Thomas, with 4 immigrants.

Respectfully,

W. W. KING,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Inspection of immigrants at San Juan during the week ended December 8, 1900.

SAN JUAN, P. R., December 11, 1900.

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended December 8, 1900: December 5, French steamship *St. Simon*, from Havre, Bordeaux, St. Thomas, with 5 immigrants.

Respectfully,

H. S. MATHEWSON,
Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer of Porto Rico.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

SPAIN.

Trichinosis in Murcia.

CARTHAGENA, SPAIN, December 3, 1900.

SIR: I have the honor to inform you of a rather serious outbreak of trichinosis, occurring during the last two weeks at Murcia, the capital of this province. There have been and still are some 200 cases, of which 5 or 6 have ended fatally. I hear of no authentic case in this city, nor anywhere outside of Murcia. The greatest vigilance is now employed in the microscopical examination of hog meat, and I think it unlikely

that further cases will occur, unless from consumption of sausages made from bad meat.

The general health of the locality, with the preceding exception, is pretty good.

Respectfully,

JOS. BOWEON,
United States Consul.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

STRAITS SETTLEMENTS.

End of plague—Occurrence of cholera at Singapore.

SINGAPORE, November 14, 1900.

SIR: Referring to my dispatch No. 141 of the 16th ultimo, I have the honor to inform the Department that since the occurrence of the 2 cases of bubonic plague on the 8th of last month, which ended fatally, no others have been reported. This colony is, therefore, free from infection as regards that disease.

Cholera has, however, broken out in this settlement, but not, so far, to any alarming extent, as shown by the inclosed statement of the incidence of cases in Singapore up to yesterday, the 13th instant, the particulars of which have been furnished me by the Government of this colony.

Its further progress will be duly notified the Department.

Respectfully,

J. M. CAMPBELL,

Acting United States Vice and Deputy Consul-General.

HON. ASSISTANT SECRETARY OF STATE.

[Inclosure.]

Statement of the incidence of cases of cholera in Singapore up to November 13, 1900.

November 1, 3 cases, 3 deaths; November 2, 1 case, no death; November 3, 2 cases, 2 deaths; November 4, no case, 1 death; November 5, 1 case, no death; November 6, 1 case, 2 deaths; November 7, 2 cases, 1 death; November 8, no case, 1 death; November 9, 2 cases, 1 death; November 10, no case, no death; November 11, 1 case, 1 death; November 12, 1 case, no death; November 13, 1 case, 1 death; total to date, 15 cases, 12 deaths.

Foreign and insular statistical reports of countries and cities—Yearly and monthly.

ARGENTINA—*Buenos Ayres.*—Month of September, 1900. Estimated population, 810,554. Total number of deaths, 1,378, including diphtheria, 8; enteric fever, 11; measles, 30; scarlet fever 11, and 6 from smallpox.

BRAZIL—*Pernambuco.*—Two weeks ended November 15, 1900. Estimated population, 200,000. Total number of deaths, 273, including enteric fever, 1; measles, 2; whooping cough, 2, and 16 from smallpox.

Rio de Janeiro.—Two weeks ended October 31, 1900. Estimated population, 779,000. Total number of deaths, 545, including beriberi, 10; enteric fever, 5; measles, 3; plague, 9; smallpox, 43; yellow fever, 2, and 110 from tuberculosis.

CUBA—*Santiago.*—Month of November, 1900. Estimated population, 43,000. Total number of deaths, 64, including 20 from tuberculosis.

FRANCE—*Bordeaux.*—Month of October, 1900. Estimated population, 256,906. Total number of deaths, 427, including diphtheria, 4; enteric fever, 6, and 1 from whooping cough.

Roubaix.—Month of November, 1900. Estimated population, 135,185. Total number of deaths, 166, including 6 from enteric fever.

GERMANY—*Weimar*.—Month of November, 1900. Estimated population, 29,633. Total number of deaths, 26. No deaths from contagious diseases reported.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended December 8, 1900, correspond to an annual rate of 17.7 a thousand of the aggregate population, which is estimated at 11,610,296. The highest rate was recorded in Hull, viz, 22.1, and the lowest in Croydon, viz, 11.5.

Bradford.—Two weeks ended December 1, 1900. Estimated population, 291,535. Total number of deaths, 193, including diphtheria, 4; enteric fever, 2; measles, 3, and 3 from scarlet fever.

London.—One thousand five hundred and forty-four deaths were registered during the week, including measles, 23; scarlet fever, 11; diphtheria, 34; whooping cough, 34; enteric fever, 21, and diarrhea and dysentery, 13. The deaths from all causes correspond to an annual rate of 17.5 a thousand. In Greater London 2,072 deaths were registered, corresponding to an annual rate of 16.2 a thousand of the population. In the "outer ring" the deaths included 17 from diphtheria, 4 from measles, 4 from scarlet fever, and 15 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 8, 1900, in the 22 principal town districts of Ireland was 22.5 a thousand of the population, which is estimated at 1,062,188. The lowest rate was recorded in Newry, viz, 4.0, and the highest in Galway, viz, 45.3, a thousand. In Dublin and suburbs 189 deaths were registered, including enteric fever, 3, scarlet fever, 1, and 4 from whooping cough.

Scotland.—The deaths registered in 8 principal towns during the week ended December 8, 1900, correspond to an annual rate of 20.7 a thousand of the population, which is estimated at 1,606,935. The lowest mortality was recorded in Leith, viz, 17.2, and the highest in Edinburgh, viz, 23.1 a thousand. The aggregate number of deaths registered from all causes was 641, including diphtheria, 9; measles, 15; scarlet fever, 9, smallpox, 1, and 31 from whooping cough.

JAPAN—*Nagasaki*.—Twenty days ended November 20, 1900. Estimated population, 131,000. Number of deaths not reported. Two deaths from diphtheria reported.

MALTA—*Valetta*.—Two weeks ended October 31, 1900. Estimated population, 181,698. Total number of deaths, 224, including, diphtheria, 3; enteric fever, 2, and 3 from whooping cough.

SPAIN—*Corunna*.—Month of November, 1900. Estimated population, 40,500. Total number of deaths, 77, including 2 from smallpox.

Malaga.—Two weeks ended November 15, 1900. Estimated population, 130,000. Total number of deaths 158, including 5 from enteric fever.

Valencia.—Two weeks ended December 2, 1900. Estimated population, 203,985. Total number of deaths 224, including 5 from typhus fever.

Vigo.—Month of November, 1900. Estimated population, 20,000. Total number of deaths, 21; no deaths from contagious diseases reported.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Surgeon-General United States Marine-Hospital Service from June 29, 1900, to December 28, 1900.

[For reports received from December 29, 1899, to June 29, 1900, see PUBLIC HEALTH REPORTS for June 29, 1900.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong	June 17-June 23...		1	On ss. Petrarch, from Saigon.
India:				
Bombay	May 18-Nov. 20...		4, 102	
Calcutta	Apr. 28-Nov. 17...		810	
Karachi	July 2-Oct. 14...		65	
Madras	May 19-Nov. 16...		349	
Japan:				
Fukuoka Ken	Aug. 28		40	
Nagasaki	Sept. 11-Sept. 20...	1		
Osaka	June 24-Aug. 25...	3		
Yokohama	July 8-Sept. 8...	4	3	
Russia:				
Novolievsk	Oct. 29			Several cases.
Straits Settlement:				
Singapore	June 17-Sept. 22...		4	
	Oct. 28-Nov. 15...	15	12	

YELLOW FEVER.

Brazil:				
Avare	Feb. 1-Feb. 28...		1	
Rahia	June 3-June 9...	2		
Casa Branca	Feb. 1-July 31...		8	
Itu	do		2	
Pedreiras	do		1	
Rio de Janeiro	May 12-Oct. 31...		73	
Saboticabal	Mar. 1-Mar. 31...		1	
Sao Paulo	Feb. 1-July 31...		46	
Santos	do		112	
Sao Bernardo	Mar. 1-June 30...		8	
Sorocaba	do		633	
Colombia:				
Barranquilla	June 3-Oct. 21...	72	39	
Bocas del Toro	July 25-Sept. 11...	5	3	
	Oct. 22-Nov. 17...	6		
Cartagena	June 1-July 14...	28	27	
	Sept. 1-Sept. 14...	3	3	
	Oct. 29-Nov. 4...	1	1	
Panama	June 12-Sept. 10...	27	6	
Costa Rica:				
Port Limon	Aug. 18-Aug. 22...	2	1	On ss. Holstein; 1 on ss. Canada.
	Oct. 31-Nov. 4...	2	1	One on steamship Adler.
Cuba:				
Batabano	Aug. 16-Aug. 22...		1	
	Dec. 3	1		
Cienfuegos	July 21	1		Among United States soldiers
	Aug. 14-Sept. 22...	5	3	
	Dec. 23	1		
Gibara	Oct. 13-Oct. 16...		1	On ss. Julia.
Guanajay	June 30	1	1	
Havana	June 1-June 30...	17	6	
	July 1-Aug. 1...	96	30	
	Aug. 1-Aug. 31...	254	49	
	Sept. 1-Sept. 30...	358	52	
	Oct. 1-Oct. 31...	308	74	
	Nov. 1-Nov. 30...	214	54	
	Dec. 1-Dec. 15...		12	
Matanzas	Nov. 7-Dec. 15...	7		Two in barracks.
Neuvas	Nov. 25	1		
Pinar del Rio	July 24-July 30...		14	
Puerto Padre	Dec. 3	1		On ss. Vixen.
Sagua, Isabela de	Sept. 17-Sept. 21...	2	1	
	Nov. 2	1		
Santa Clara	June 20-July 22...	12		
France:				
Havre	Aug. 9	1		On ss. Caravallas.
	Aug. 10	1		On ss. Santa Fe.
Mexico:				
City of Mexico	May 7-May 13...		1	
	Oct. 8-Nov. 23...		3	

Cholera, yellow fever, plague, and smallpox, etc.—Continued

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Cordova.....	July 1.....	.....	.....	Yellow fever reported.
Merida.....	July 21.....	7	4	
Progreso.....	June 24-Sept. 30.....	.....	9	
Tampico.....	July 21-Nov. 25.....	.....	19	
Vera Cruz.....	Sept. 2-Dec. 14.....	.....	113	
San Domingo:				
Puerto Plata.....	Oct. 6-Nov. 17.....	5	3	
West Africa:				
Goree-Dakar.....	Apr. 16-June 30.....	15	8	Several cases.
Rufisque.....	June 16-June 30.....	.....	.....

PLAGUE.

Africa:				
Cape Colony, King Williams Town.....	Nov. 16	8	3	Plague reported.
Arabia:				
Aden.....	Feb. 22-July 3...	714	575	
Djiddah.....	Apr. 26-June 28.....	.....	78	
Yambo.....	Apr. 10-June 13.....	.....	67	
Argentina:				
Buenos Ayres.....	May 1-May 31...	5	5	
Australia:				
Adelaide.....	Apr. 1-Aug. 11...	6	3	
Brisbane.....	Aug. 1-Aug. 31.....	.....	3	
Chartus Towers.....	Sept. 29.....	1	.....
Sydney.....	Jan. 24-Aug. 25...	303	103	
Brazil:				
Campo Grande.....	June 16.....	2	.....
Nitheroy.....	.....do.....	2	.....
Petropolis.....	Dec. 10.....	.....	1	
Rio de Janeiro.....	Apr. 18-Sept. 30...	485	243	
	Oct. 1-Oct. 31...	33	20	
China:				
Amoy.....	May 27-Sept. 1.....	.....	1,445	Estimated.
Hongkong.....	Jan. 1-Oct. 27...	1,084	1,019	
Egypt:				
Port Said.....	Apr. 30-Aug. 3...	94	38	
Alexandria.....	May 16-Oct. 16...	34	23	
	Nov. 11.....	2	1	
England:				
London.....	Aug. 3.....	4	2	
Formosa:				
Formosa.....	Apr. 1-May 31...	640	458	
	June 1-July 31...	203	165	
Tamsui.....	Aug. 1-Aug. 31...	4	3	
Germany:				
Bremen.....	Sept. 27-Nov. 5...	1	1	On a steamship from Buenos Ayres.
India:				
Bombay Presidency and Sind:				
Ahmedabad City.....	Apr. 29-Nov. 3...	22	21	
Ahmednagar District.....	.....do.....	15	11	
Aundh State.....	.....do.....	7	6	
Belgaum District.....	.....do.....	2,664	1,671	
Bombay City.....	.....do.....	3,622	2,490	
Dharwar District and Town.....	.....do.....	653	494	
Nasik District.....	.....do.....	1,120	965	
Poona City.....	.....do.....	3,619	2,986	
Poona District.....	.....do.....	234	177	
Satara District.....	.....do.....	43	30	
Satara Town.....	.....do.....	11	4	
Surat District.....	.....do.....	181	44	
Surat Town.....	.....do.....	6	6	
Thana District.....	.....do.....	817	700	
Belgaum Town.....	.....do.....	532	416	
Kanara District.....	.....do.....	59	56	
Kolaba District.....	.....do.....	76	46	
Ratnagiri District.....	.....do.....	22	18	
Savantvadi State.....	.....do.....	.....	3	
Hyderabad Town.....	.....do.....	3	3	
Karachi City.....	.....do.....	7	472	
Boroda State.....	.....do.....	1	3	
Cutch State.....	.....do.....	413	239	
Mandir Town.....	.....do.....	112	97	
Khandish.....	.....do.....	3	1	
Kathiawar State.....	.....do.....	177	111	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>India—Continued.</i>				
Bombay Presidency and Sind— <i>Cont'd.</i>				
Bhavnagar Town.....	Apr. 29–Nov. 8...	26	13	
Kolhapur and Southern Mahratta Country.....	.....do.....	680	523	
Sachin State.....	.....do.....	2	.....
Savanur State.....	.....do.....	69	48	
Janjira State.....	.....do.....	146	137	
Outside Bombay Presidency and Sind:				
Madras City.....	.....do.....	4	3	
Salem District.....	.....do.....	119	81	
Tinnevely District.....	.....do.....	5	3	
Bellory District.....	.....do.....	1	.....
Chingleput District.....	.....do.....	1	1	
Trichinopoly District.....	.....do.....	.....	1	
North Arcot District.....	.....do.....	7	6	
Calcutta.....	.....do.....	2, 258	2, 237	
Bankura District.....	.....do.....	12	11	
Midnapore District.....	.....do.....	1	1	
Gaya District.....	.....do.....	152	152	
Hooghly District.....	.....do.....	14	12	
Howrah Town.....	.....do.....	71	63	
24-Parganas District.....	.....do.....	24	19	
Monghyr District.....	.....do.....	95	85	
Monghyr Town.....	.....do.....	161	130	
Saran District.....	.....do.....	245	193	
Chupra Town.....	.....do.....	265	211	
Patna District.....	.....do.....	984	837	
Patna City.....	.....do.....	26	22	
Dinapur Town.....	.....do.....	76	70	
Bihar Town.....	.....do.....	168	153	
Cuttach District.....	.....do.....	3	2	
Jullundur District.....	.....do.....	85	49	
Hoshiarpur District.....	.....do.....	27	9	
Nagpur City.....	.....do.....	22	21	
Nagpur District.....	.....do.....	.....	.....
Bangalore Civil and Military Station and city.....	.....do.....	2, 818	1, 355	
Mysore City.....	.....do.....	4, 435	3, 340	
Mysore District.....	.....do.....	1, 062	786	
Kolar Gold Fields.....	.....do.....	97	69	
Tumkar District.....	.....do.....	94	98	
Lingsuagar District.....	.....do.....	60	59	
Gulburga District.....	.....do.....	1	1	
Shimoga District.....	.....do.....	118	83	
<i>Japan:</i>				
Kobe.....	Oct. 16–Oct. 27...	3	1	
Nagasaki.....	June 6.....	1	1	Taken from a vessel from the Goto Islands.
Osaka.....	Apr. 8–July 16...	47	38	
.....	Sept. 11–Sept. 27...	25	20	
.....	Oct. 9–Nov. 27...	22	19	
Sakai.....	June 30.....	1	.....
Shidzuoka Ken.....	May 6–July 7...	16	13	
<i>Madagascar:</i>				
Antananarivo.....	Oct. 16.....	.....	.....	Plague reported.
Tamatave.....	Sept. 17–Oct. 29...	8	6	
<i>Mauritius:</i>				
Port Louis.....	Aug. 15–Nov. 8...	71	51	
<i>Paraguay:</i>				
Asuncion.....	July 24–July 31...	12	2	
<i>Philippine Islands:</i>				
Cavite.....	June 17–June 23...	1	.....
Cebu.....	July 25.....	1	.....
Manila.....	Jan. 1–Nov. 10...	225	150	
<i>Portugal:</i>				
Oporto.....	June 23.....	1	.....
<i>Scotland:</i>				
Glasgow.....	Aug. 31–Oct. 6....	28	8	
Govan.....	Sept. 4.....	1	1	
<i>Straits Settlements:</i>				
Penang.....	Oct. 8.....	.....	2	
<i>Turkey:</i>				
Beirut.....	July 20.....	4	.....
Constantinople.....	Aug. 27.....	1	.....	On ss. Niger from the Island of Syros.
Smyrna.....	June 18–Aug. 6...	22	11	
<i>Wales:</i>				
Llandaff.....	Oct. 4.....	1	1	From Rosario.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden	May 1-May 31...		3	
Argentina:				
Buenos Ayres	Apr. 1-Sept. 30...		19	
Australia:				
Sydney	June 2	264	92	
Austria:				
Prague	June 3-Dec. 1...	175		
Trieste	Oct. 7-Oct. 13...	1		
Belgium:				
Antwerp	June 24-Nov. 3...	12	4	
Brussels	July 1-July 7...		1	
Ghent	Aug. 5-Sept. 15...		4	
British Columbia:				
Gabriola Island	Nov. 21	1		
Nanaimo	Nov. 23	13		
Brazil:				
Pernambuco	July 1-Nov. 15...		67	
Rio de Janeiro	May 12-Oct. 31...		186	
China:				A few cases.
Amoy	Apr. 14-May 12...			
Hongkong	May 20-June 9...	2		
Cos	Apr. 1		235	
Colombia:				
Barranquilla	June 24-June 30...		1	
Costa Rica:				
Port Limon	Aug. 8	1		
Cuba:				
Manzanillo	July 29-Aug. 6...	2		
Ecuador:				
Guayaquil	Sept. 1-Nov. 17...		73	
Egypt:				
Alexandria	Aug. 28-Nov. 27...	5	1	
Cairo	May 21-Nov. 18...		22	
England:				
Liverpool	June 10-Dec. 1...	46	7	
London .....	.....do	102	1	
Manchester	June 10-Nov. 10...	1		
Southampton .....	.....do	9		
Sunderland	Nov. 25-Dec. 1...	1		
West Hartlepool	Sept. 30-Dec. 1...	9		
Formosa	Apr. 1-Aug. 31...	237	128	
France:				
Bordeaux	May 1-June 30...		4	
Lyons	June 3-Sept. 1...		15	
Marseilles	July 1-Aug. 31...		14	
Nice	June 6-June 30...	1		
Paris	June 17-Dec. 1...		136	
St. Etienne	June 1-Oct. 31...	32	7	
Germany:				
Berlin	Aug. 10	3		
Frankfort-on-the-Main	June 10-July 20...		4	
Königsberg	July 1-Sept. 15...	4	1	
Salingen	Oct. 14-Oct. 20...	1		
Gibraltar	July 2-Nov. 25...		4	
Greece:				
Athens	June 10-Dec. 1...	29	15	
India:				
Bombay	May 18-Oct. 30...		100	
Calcutta	Apr. 19-May 5...		41	
.....	June 24-Nov. 17...		168	
Karachi	May 10-Oct. 20...		47	
Madras	May 26-Nov. 9...		13	
Italy:				
Genoa	June 10-June 16...	3		
Naples	Oct. 17-Nov. 14...	17	1	
Japan:				
Nagasaki	May 21-Oct. 20...	4		
Osaka and Hiogo	June 3-June 9...	1		
Korea:				Endemic.
Seoul	May 20-May 26...			
Malta:				
Valetta	May 1-July 15...	24	3	
Mexico:				
Chihuahua	May 27-July 7...		6	
City of Mexico	May 6-Dec. 2...	245	173	
Merida	July 21			Smallpox reported.
Progreso	Dec. 9-Dec. 15...	3		
Tuxpan	Nov. 21-Dec. 10...		7	
Vera Cruz	June 17-Nov. 24...		67	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Netherlands:				
Rotterdam	July 22-July 28...	1		
Ontario:				
Port Arthur	June 1-June 27...	2	1	
Philippine Islands:				
Guimaras Island	July 1		18	
Iloilo	July 1-July 31...		1	
Manila	Jan. 1-Sept. 8...	35	1	
Quebec:				
Compton County	May 12-June 23...	1		
Gaspé County	May 20-June 23...	1		
Hochelaga County	May 6-Aug. 15...	2	1	
Iberville County	July 26-Aug. 27...	2		
Montreal County	Apr. 23-Aug. 31...	28	10	
Quebec County	Apr. 15-June 23...	8		
Rimouski County	Feb. 3-July 31...	129		
Russia:				
Moscow	May 27-Nov. 24...	122	35	
Odessa	June 3-Dec. 1...	199	56	
Riga	Apr. 1-Sept. 30...		60	
St. Petersburg	June 10-Nov. 24...	663	190	
Vladivostok	Apr. 1-Sept. 30...	12		
Warsaw	May 27-Dec. 1...		254	
Scotland:				
Dundee	Aug. 23-Sept. 29...	3		
Edinburgh	Sept. 9-Oct. 27...	4		
Glasgow	June 16-Nov. 23...	83	11	
Spain:				
Barcelona	Aug. 19-Nov. 11...		102	
Cádiz	Oct. 1-Oct. 31...		1	
Coruña	July 15-Nov. 24...		6	
Madrid	May 20-Sept. 1...		257	
Valencia	Nov. 4-Nov. 18...	1		
Straits Settlements:				
Singapore	May 11-July 7...		10	
Switzerland:				
Geneva	June 10-Aug. 11...	10		
Zürich	June 24-Aug. 11...	2		
Uruguay:				
Montevideo	May 20-May 26...	1		
Yukon Territory:				
Dawson	July 20-Sept. 26...	11		

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aix la Chapelle	Dec. 1	134,196	36	4									
Do	Dec. 8	134,196	37	3									
Alexandria	Nov. 27	335,000	199					1		2	3		1
Amherstburg	Dec. 15	2,300	1										
Amsterdam	Dec. 8	518,478	190									20	7
Antigua	Nov. 24	30,000	15										
Do	Dec. 1	30,000	12										
Antwerp	do.	293,111	74	11									
Athens	do.	200,000	10						1			2	
Barmen	Nov. 24	141,000	49							2		1	2
Do	Dec. 1	141,000	42						1		1	1	1
Barranquilla	Dec. 2	40,000	19	1					2				
Belfast	Dec. 1	359,000	143						1				1
Belize	Dec. 13	13,000	11										
Bergen	Nov. 28	68,000	18	3									
Berlin	Nov. 24	1,883,208	531						2	13	9	12	
Bluefields	Dec. 2	4,000	4										
Bombay	Nov. 20	821,764	763	119	62	3						1	
Breslau	Nov. 24	300,000	200	30							1		3
Do	Dec. 1	300,000	141	25					1	2			1
Bristol	do.	324,973	117						1		4		1
Brussels	do.	600,000	166						12		3	3	
Budapest	Dec. 2	640,000							3	6	1	4	
Calcutta	Nov. 17	681,560	618		2	26		6					
Callao	Nov. 18	30,000	23	3									
Do	Nov. 24	30,000	17	4									
Cartagena	Dec. 3	25,000	7										
Catania	Dec. 6	124,000	61	3							2		
Christiana	Dec. 1	230,000	51										2
Coburg	Nov. 24	20,580	6	3									
Do	Dec. 1	20,580	5	3									
Cognac	Nov. 24	20,400	8										
Do	Dec. 1	20,400	2										
Cologne	Dec. 9	367,810	126	14						1	1	3	4
Colombo	Nov. 3	130,000	128						2				
Do	Nov. 10	130,000	112						1				
Do	Nov. 17	130,000	113						2				
Colon	Nov. 11	8,000	3										
Corunna	Dec. 1	40,500	25								1		
Crefeld	do.	108,183	24									1	
Curaçao	do.	30,303	10										
Dublin	do.	349,394	167	27					4		3		6
Dundee	Dec. 8	167,384	56										2
Düsseldorf	Dec. 1	208,483	62							1	1	4	4
Edinburgh	do.	302,262	120								1	4	2
Flushing	Dec. 8	19,034	5										
Frankfort-on-the-Main	Dec. 1	278,000	61								1		3
Funchal	Dec. 2	36,982	24	3					2				
Geneva	Nov. 24	98,350	28										
Ghent	Dec. 1	168,030	44						1		2		
Girgenti	do.	24,428	7										
Glasgow	Dec. 7	743,960	302					1	2	4	2	1	33
Hamburg	Dec. 1	691,340	193							5	6		2
Hamilton, Canada	Dec. 15	52,665											
Hongkong	Nov. 3	257,000	139	1					2		1	2	
Do	Nov. 10	257,000	133	2					2				
Karachi	Nov. 18	98,195	61						6				
Königsberg	Dec. 1	183,273									4		
Las Palmas	Nov. 17	50,000	14										
Do	Nov. 24	50,000	19										
Do	Dec. 1	50,000	12										
Lausanne	Nov. 24	45,722	8										
Leghorn	Nov. 24	104,829	30	16					1		1		
Do	Dec. 1	104,829	38	1									
Leeds	Dec. 8	431,287	138										
Leipsic	Dec. 1	455,089	126								6	4	
Leith	do.	78,509	26								3	1	
Licata	Dec. 13	20,000	13						3				
Liverpool	Dec. 1	668,645	281						1	1	3	5	3
London	do.	6,682,145	2,082					1		30	9	44	39
Lyons	Nov. 24	500,000	172										
Madras	Nov. 16	452,518	409		1	1			2		3		
Mainz	Dec. 1	84,500	13	1								1	
Manchester	do.	505,343	218	20							5	1	3
Messina	do.	107,000	33	2					4				
Mexico	Dec. 2	344,377	389	26					11		1		2
Do	Dec. 9	344,377	35	25					6			1	3
Milan	do.	501,611											

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Monrovia	Nov. 10	5,000	1										
Do.	Nov. 17	5,000	2										
Monte Criste	Dec. 8	3,000	0										
Monterey	Dec. 15	25,000	41										
Montevideo	Oct. 27	215,061	39										
Do.	Nov. 10	256,000	47										
Moscow	Nov. 24	1,000,000	560					1	7	11	10		3
Munich	Nov. 3	463,000	36										2
Do.	Nov. 10	463,000	205	29								1	3
Do.	Nov. 17	463,000	32					1					3
Do.	Nov. 24	463,000	203	27								4	1
Newcastle-on-Tyne	Dec. 1	234,369											
Nottingham	do.	250,000	79					4	1	1			
Nuremberg	Nov. 24	244,406	100	19								5	1
Odesa	Dec. 1	434,600	191				10		7	8	4	3	
Palermo	do.	300,000	115					1					
Paris	do.	2,511,629	897				17		10	2	9	3	3
Port au Prince	Nov. 26	60,000	20										
Do.	Dec. 3	60,000	19										
Port Limon	Dec. 9	4,000	2	1									
Prague	Dec. 1	198,139	92	20								2	1
Puerto Cabello	Sept. 8	17,000	7					1					
Do.	Sept. 15	17,000	12										
Do.	Sept. 22	17,000	9					1					
Do.	Sept. 29	17,000	11					1					
Do.	Oct. 6	17,000	4										1
Do.	Oct. 13	17,000	8										
Do.	Oct. 20	17,000	6										
Do.	Oct. 27	17,000	9										
Do.	Nov. 3	17,000	5										
Do.	Nov. 10	17,000	3										
Do.	Nov. 17	17,000	5										
Do.	Nov. 24	17,000	8					1					
Puerto Cortez	Dec. 12	2,000	0										
Puerto Plata	Nov. 24	5,300	4										
Do.	Dec. 1	5,300	5										
Do.	Dec. 8	5,300											
Quebec	Dec. 15	73,000											
Rheims	Nov. 24	107,963	49	8				1			1	1	
Rotterdam	Dec. 8	330,871	115								1	3	
St. John, New Brunswick	Dec. 15	45,000	17	1					1				
St. Petersburg	Nov. 24	1,267,063	577					2	1	29	16	23	10
St. Thomas, Danish West Indies	Nov. 23	12,019	6										
Do.	Nov. 30	12,019	7										
Singapore	Nov. 3	91,111	192	35		5							
Smyrna	Nov. 25	300,000	71	11					6			1	
Solingen	Nov. 24	16,000	14										
Southampton	do.	105,831	35									1	
Do.	Dec. 1	105,831	33									1	
South Shields	do.	234,369	38						1			2	1
Stettin	Nov. 24	153,000	62						1			2	
Do.	Dec. 1	153,000	77						1			1	
Stockholm	Nov. 24	297,148	72	13						2	4		
Do.	Dec. 4	297,148	76	9							6		
Stuttgart	Nov. 29	162,934	55										
Do.	Dec. 6	162,934	43										
Sunderland	Dec. 1	147,398	76						1	1	4	1	3
Teneriffe	Nov. 24	33,500	14						1				
Do.	Dec. 1	33,500	17										
Trapani	do.	53,597	23										
Trieste	Nov. 24	166,499	68										
Do.	Dec. 1	166,499	80									1	
Tuxpan	Dec. 10	13,432	17					1					
Venice	Nov. 24	174,170	64									3	
Vera Cruz	Dec. 8	25,000	31	7			2						
Warsaw	Nov. 24	645,848						23	4		9	2	5
Yokohama	Nov. 17	189,455							1				
Zurich	Nov. 24	162,169	47									1	1
Do.	Dec. 1	162,169	37									2	1

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General U. S. Marine-Hospital Service.

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